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MAY 1992

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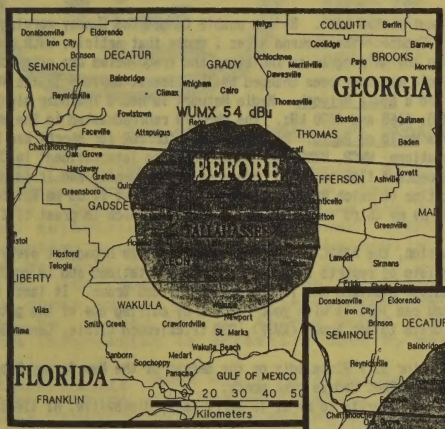

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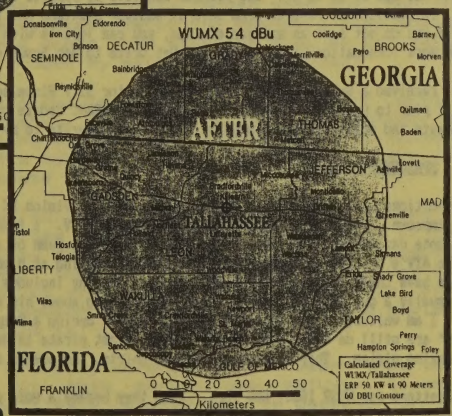

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ANARC UPDATE

THE 1992 ANARC AWARDS

The annual Winter SWL Festival took place in mid-March in Pennsylvania. 226 DX'ers attended this years convention co-sponsored by ANARC and NASWA. At the banquet, the ANARC awards were announced. The awards were presented to three very qualified people.

The first award, the North American Shortwave DX'er of the Year went to Jerry Berg. Jerry has been very active in the North American Shortwave Association. He has published several articles and has written a book on shortwave radio. Presently he is the chairman of ANARC's Committee to Preserve Radio Verifications (CPRV). The collection now has over 25,000 verifications.

Ken Stryker was chosen to be the North American Specialty Band DX'er of the Year. Ken has been gathering, sorting and collating information on Longwave Beacons. He has a regular column in the journal of the Longwave Club of America. He also publishes lists of Navigational Beacons.

The final award was presented to Arthur Cushen as International DX'er of the Year. Arthur is well known in the DX hobby for his regular reports on Radio Netherland's "Media Network". Arthur is active in Shortwave and Medium wave DX'ing. His reports of of his catches from his home in New Zealand are always interesting, especially when he receives our East Coast AM stations. I've had the pleasure of meeting Arthur at an ANARC Convention several years ago and he is a delightful and knowledgable speaker.

Letters

I received several letters this month. Fred Laun of Temple Hills MD wrote to ask if the Committee to Preserve Radio Verifications collects the collections of former Amateur radio operators. Fred tells me that he was given the QSL collections of two hams who had passed away. I am not sure if the CPRV collects only broadcasting QSL's.My best suggestion for anyone interested in donating a QSL collection to contact the CPRV directly care of Jerry Berg, 38 Eastern Ave., Lexington, MA 02173.

Gus Mancuso of Hyatts MD asked about my "weekly must listen tos". He was unable to get the Sunday morning broadcast of Signals that I mentioned in my last ANARC Update. The weekend after I wrote that article, WWCR changed their program schedule. There is a problem publicizing any DX program as the times and frequencies are often changed without prior notice. Anything I mention in this article may have been changed by the time it appears in the VUD.

My "weekly must listen tos" are (1) Radio Nederland's Media Network. Media Network is heard Thursday nights at 8:50 pm EDT (00:50 Fri UTC) on the frequencies of 11835, 6165 and 6020 kHz. The show is rebroadcasted to the West coast 3 hours later on 9590 and 6165 kHz. (2) Glenn Hauser's World of Radio. World of Radio (or WOR for short) has been on my list for many years. It is heard on 3 shortwave stations- WWCR, WRNO and Radio for Peace International in Costa Rica, and several domestic AM and FM stations. Its broadcast time tends to change quite frequently and it is often used as filler, popping up at unscheduled times. The best time to catch WOR is on Saturday nights at 11:05 pm EDT (03:05 Sun UTC), on WWCR on 7435 kHz. This broadcast is followed by my third "weekly must", Signals, which is great if I don't fall asleep before both programs end.

I found a great new source of DX tips and information, the ANARC SWL Ham Net. This net is broadcast every Sunday morning on 7240 kHz LSB at 10 am ET. The program consists of reports from several amateur stations and is coordinated by Bob Brown. It consists of reports from several amateur stations and is coordinated by Bob Brown. It lasts about 2 hours. Even if you do not have an amateur station, you can join in with your reports by calling one of the gateway stations. For more information on the ANARC SWL Net write to Bob Brown (KW3F), 238 Cricklewood Circle, Lansdale PA 19446.

Finally I received a set of letters from ETV DX editor Bill Nienajadly on the defeat of the New Jersey Mobile Scanner Law. I plan to use this information in a special ANARC Update next month.

Your comments and questions are always welcome. Please write to me at 15 Berry Lane, Hicksville, NY 11801.

SPRACHMAN'S CORNER

The DX conditions have been so poor this winter. The Television DX has been dead and I am still waiting for conditions to improve. So, I spent my time exploring Amateur TV. I found ATV by "accident" after reading February's VUD. My TV remote can switch from "on air" to "cable" with the push of a button. While searching for cable leaks, I came across the ATV's on "cable" channel 57. Each night starting at 8 pm I am treated to a ATV net of about 7 or 8 stations. Some have their call letters on the screen. One guy includes his name. Most of the stuff shown is not that interesting, usually a guy sitting in his living room talking about his equipment. The challenge is trying to identify each station. I am waiting to see what ATV's I can receive during a Trop opening.

The "kids" are still on the air on 91.9 FM. The latest pirate in Nassau County is WROG. They broadcast on Mondays and Fridays playing oldies. They even give away tee-shirts. As summer approaches I expect to hear more pirate activity.

New call letters for WNSR 105.1 New York. When they became a soft rock station they took WNSR for New York's Soft Rock. Now they have a "mix format with more variety". Thus they chose the call letters "WXNV".

I caught the sign-off of W53AA-53 New York the other night. This LPTV broadcasts programs in East Asian languages, primarily Korean. Their signal also covers Nassau Co., and parts of Westchester and Rockland Counties.

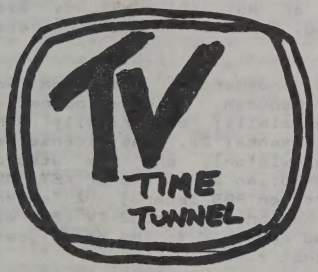
Speaking of LPTV's, I spent some time in the local library looking through the 1992 Television Factbook. Listed were several new LPTV's licensed for the New York Metro area. Does anyone have any idea if these stations are on the air, and if so what they are showing?: W06BP and W10BQ New Haven, W28AJ West Haven, W38BC Stamford CT, W28AB N. Bergen Co. NJ, W51BV Deer Park, W14AG East Hampton, W57AZ Hampton Bays, and W57BP Nyack NY.

Finally, I caught WWAC-53 Atlantic City with programming from the Channel America Network. They had been a part of the Keystone Network. Keystone has religious and exercise programs. Other Keystone affiliates include WGCB-49 Red Lion PA, and WBPH-60 Bethlehem PA.

73's
Steven
Steven Sprachman
15 Berry Lane
Hicksville, NY 11801-6203.

More Next month,

THIS MONTH'S "TV TIME TUNNEL" IS THE 37th IN THE SERIES. IN OTHER WORDS, THE COLUMN HAS BEEN A VUD FEATURE FOR THREE YEARS, AND WITH THIS ISSUE BEGINS YEAR NUMBER FOUR. REFLECTING BACK TO MAY 1989 WHEN 'TIME TUNNEL' WAS FIRST PUBLISHED; THERE WAS A VOID IN THE AREA OF HISTORICALLY SIGNIFICANT TV INFORMATION THAT I FELT NEEDED TO BE FILLED. I HAD NO IDEA HOW THE COLUMN WOULD BE RECEIVED, OR HOW LONG THE EFFORT WOULD LAST. THANKS TO THE MANY CONTRIBUTORS, AND WHAT APPEARS TO BE A WIDESPREAD INTEREST IN TELEVISION'S PAST; THERE'S NO END IN SIGHT. IT'S BEEN MY GOAL TO VARY THE SUBJECT MATTER AS MUCH AS POSSIBLE TO KEEP READER INTEREST PEAKED. ADMITTEDLY THERE HAS BEEN AN IMBALANCE OF STORIES ABOUT EARLY NORTH DAKOTA HAPPENINGS, BUT I WAS THERE AND THAT IS WHAT I KNOW BEST. NO ONE HAS COMPLAINED...PERHAPS I'M OVERLY CRITICAL OF MY OWN TOPIC SELECTION. READERS OF THIS COLUMN KNOW THE AREAS OF INTEREST, AND ARE URGED TO SUBMIT ARTICLES BASED ON THEIR EARLY EXPERIENCES. WITH YOUR SUPPORT AND INPUT I'LL CONTINUE TO DO MY BEST TO SHARE THE TREASURE CHEST OF INFORMATION ABOUT THE FASCINATING FORMATIVE YEARS OF TV AND TV DX-ING.



WRITTEN, EDITED AND RESEARCHED BY TOM BRYANT; 849 TODD PREIS DRIVE; NASHVILLE, TENNESSEE; 37221 615-646-2000

Special thanks for additional research and input for this month's column to Ernie Mitchell and Dan Steele of WPSD-tv in Paducah, KY; Ed Phelps of Benton, KY; and "TV NEWS" Editor Doug Smith; Nashville, TN.

ADI #76; PADUCAH-CAPE GIRARDEAU-HARRISBURG-MARION

BASIC 'ADI' INFO: For the purpose of measuring television audiences, the Arbitron Research Corporation has carved the United States into 212 areas. Each of these is known as the ADI (Area of Dominant Influence) for television stations viewed within its boundaries. The larger the potential number of viewers, the smaller the ADI number. For example, the New York City area is ADI #1; and Glendive, MT is the smallest ADI at #212. TSA (Total Service Area) is slightly larger than ADI, and includes ALL areas served by the primary stations in the market...even though they may be viewed less in fringe areas than stations from an adjoining ADI. This information is primarily used by advertising agencies.

AS A RULE...: Most ADI's have one focal point and few (if any) other major cities in the periphery. Some, particularly in sparsely settled areas, include virtually entire states; such as the regional networks in the plains states. All ADI's have their own peculiarities, but there is none quite as odd as the 5 state TSA of ADI #76.

THE DIFFERENCE: Most cities (ADI's) have all transmitters in one place, or at most, just a few miles apart. With transmitters of the four network affiliates separated by as much as 40 miles, and in 3 states; it becomes immediately apparent that the Paducah/Cape ADI is not typical. The advent of cable solved a lot of reception problems; but in pre-cable days (and even now for thousands of rural viewers where cable is not available) this market was (and is) a reception nightmare.

THE MAJOR PLAYERS: It will probably surprise you to learn that the first station to begin operation in this market was WSIL-tv, licensed to Harrisburg, IL. The ABC affiliate signed on in December of 1953, on channel 22 (12 kw ERP); and remained there until the move to channel 3 in March 1959. The station has a technical disadvantage when compared to competitors in neighboring KY and MO..it is situated in zone 1, [see VUD January 1990, page 35] and cannot transmit with full power from a tower exceeding 1000'. Their transmitting facility is at Creal Springs, IL; tower height IS 1000'; height AAT is 994'; and visual ERP is 100 kw.

(continued - next page)

TV TIME TUNNEL - continued

The second station in the area (Oct. 1954) was CBS affiliate KFVS-tv in Cape Girardeau, MO. Their 316 kw ERP and 1676' (2000 AAT) tower 8½ miles NE of the city sock the channel 12 signal as far north as the St. Louis suburbs; but it's almost 50 miles from Paducah! Last of the 'big 3' network affiliates was WPSD-tv, channel 6; licensed to still another state..KY! The NBC affiliate signed on May 28, 1957 and transmits with 100 kw ERP from a site at Monkey's Eyebrow, KY, about 23 miles NW of Paducah. Tower height is 1623 above ground and 1585 AAT. No one has come forward with an explanation of the unusual name, but a look at the map offers a possible answer...the curve of the Ohio River at that point looks for all the world like...a monkey's eyebrow!

TRANSLATORS AND SATELLITES: In September 1961, WSIL-tv began operating a low power translator (K15AE) in Poplar Bluff, MO. It was shut down five years later, stayed dark for eleven years; then was re-activated on January 14, 1977 as KPOB-tv (a satellite of WSIL-tv). WSIL-tv also operates translator K10KM in Cape Girardeau. WPSD-tv owns and operates translator W10AH in Carbondale, IL.

TROUBLES FOR INDIES: The market's first independent operation was WDXR-tv (29); sister station of WDXR-AM in Paducah. It began operation on 5/31/71, but simply couldn't make it financially; and finally went dark 10/31/75. But, that wasn't the end of channel 29. The license was transferred to KET (Kentucky Educational Television); and the station returned to the air September 5, 1979, as WKPD..an affiliate of KET/PBS; fed from KET's main studio in Lexington. [More on PBS later.] A second independent operation ended in failure at Marion, IL. WDDD-TV (27) was backed by WDDD-AM. It started up in 1981 and was sold to TBN three years later. The call was changed to WTCT-tv at that time.

UP NORTH: Mt. Vernon, IL (60 air miles east of St. Louis and 90 miles north of Paducah) is also in the Paducah, Cape Girardeau, Harrisburg, Marion ADI. This is relevant because of the existence of WCEE-tv (13) in Kell, IL. Here's an independent which at one time appeared to be in line for ABC affiliation. That fell through, but the station survived, and currently holds the CP for WDKA (49) in Paducah. Recent activity with the FCC indicates that 49 may be getting ready to sign on. Don't hold your breath...this CP was granted in 1985. If WDKA ever does get going, it will probably be a satellite of WCEE-tv. [I think 13 originally had different call letters, but was unable to verify.]

THE REST OF THE CAST: Wrapping up the list of stations serving this unique market are Fox affiliate KBSI-tv (23) in Cape Girardeau; WSIU (8) [PBS] in Carbondale, IL; KET/PBS WKMU-tv (21) Murray/Mayfield, KY; and at least 4 LPTV's. Most important among this group is KBSI-tv which signed on September 10, 1983. As is the case with most Fox stations, it's made a dent in the ratings; and although not equal to the other three network outlets, seems to be doing relatively well. Almost 2 million watts ERP and 2000' AAT help! Three other stations are included in the 1990 "Broadcasting Yearbook" ADI report for this area, but none of them is known to be on the air or under construction. They are WSPH (38) Murray, KY; WYDL (41) Union City, TN; and KCTP (55) Poplar Bluff, MO.

LPTV's: Considering the size and population of this area, there are surprisingly few LPTV transmitters. W54AE in Lone Oak (a Paducah suburb) has been around the longest and has carried programming ranging from religion, to Canadian Music Videos, to Channel America; and is now back to religion as a satellite of TBN's WTCT in Marion, IL. W46BE in Murray, KY had just begun operation when it was hit by lightning and remained off for a long stretch. After getting back on, it was shut down again along with co-owned WNBS-AM. Seems the absentee owner decided to quit writing paychecks! W28AI in Salem, IL is a 3 Angels outlet. K45CA in Cape Girardeau is full time religious, and there's also a K39CP in Poplar Bluff.

concludes - next page....

TIME TUNNEL - conclusion...

LPTV's - MAYBE?: Several other LPTV licenses have been granted for cities in this ADI, but the stations apparently are not in operation (and likely never have been). They include W10BF, W18AF and W65CD in Paducah; K48CB in Poplar Bluff; W17AZ in Johnston City, IL; and W68BQ in Carbondale.

NUMBERS: You probably don't think of this area as a major market, and when compared to the likes of Chicago, Los Angeles and New York, it's not. However, with 328,100 households, it ranks above Tucson, AZ; Columbia, SC; and Springfield, MA; and just below Omaha, NE; Rochester, NY; and Toledo, OH. For the most part it's a rich agricultural area, and there's also some small industry, plus coal and natural gas production.

THE STATIONS: **WSIL-tv** has been an underdog since day one. When it signed on it was a flea-power UHF with what, at the time, was the least popular network. Even after moving to channel 3 it still suffered from the smaller coverage area resultant of the tower height restriction. For years the locally originated programming (primarily newscasts) looked like something from a second-rate broadcasting school. The last few years have seen a major upgrading of both the physical facility and on-air talent; but ratings haven't improved significantly. They still rank a consistent #3. **KFVS-tv** is sort of a 'good old boy' operation. Their air personalities have been around for a long time and are well liked and well established. The channel 12 presentation isn't the slickest I've ever seen in a market this size, but it's certainly adequate. By and large they have dominated news ratings since their inception. **WPSD-tv** is without a doubt the most professional looking of the bunch...maybe a little too 'uptown' for simple country folks. They have always been the technology leader in the market and boast such 'firsts' as network color, local color, and weather radar. Channel 6 gives KFVS a run for it's money in the news ratings, and the two flip-flop the lead; but KFVS generally garners the biggest bottom line. WPSD-tv has cashed in on NBC's popularity, and leads the rating pack for most prime time periods.

NEWS COVERAGE: Any newsperson can tell you that it's tough enough to cover one state and one city; but imagine the job of doing justice to FOUR states and three major population centers. Both WPSD and KFVS try to cover the entire area. Channel 6 runs heavy on KY and TN news..12 hits the MO area more intensively. Channel 3 has decided to drop coverage of all but major stories in KY and MO; and now concentrates almost exclusively on Southern Illinois. As a result of this segmentation, WPSD draws the most viewers in KY and TN; KFVS in MO; and both 6 and 12 continue to dominate IL..in spite of the channel 3 focus.

ANOTHER VIEW: "TV NEWS" Editor Doug Smith made these observations. "WSIL has given up any real pretense of serving Harrisburg, having moved their studios to new facilities about midway between Carbondale and Marion. WPSD has a bureau (but no live capabilities that I can see) about a mile east of the WSIL studios. KFVS had a bureau, with live capabilities, in downtown Carbondale." [WPSD informs that they have a fully equipped studio in Marion. ed] "I think a lot of people overlook the importance of Southern Illinois cities in this market; Marion (15,000), Carbondale (24,000), and Murphysboro (9,900) together are a larger market than either Cape Girardeau (35,200) or Paducah (28,300)."

RECEPTION: It should go without saying that an outside antenna and rotator are mandatory. None of the stations put a city-grade signal into any of the other cities of license. Unless you reside within the 'triangle' formed by Creal Springs, Monkey's Eyebrow and Cape Girardeau; the odds of at least one of the stations being a bit snowy are pretty good. St. Louis, Memphis and Nashville are all about 150 miles from the center of this ADI, so distant ground wave signals are unreliable.

ARKANSAS: In case you wondered about the fifth state in the TSA of this ADI..it's the 'Razorback' state. None of the stations seem to be concerned about it, so this report isn't either! After all, we've already explored everything you ever wanted to know about Paducah, Cape Girardeau, Harrisburg and Marion...AND THEN SOME!

PHOTO-NEWS

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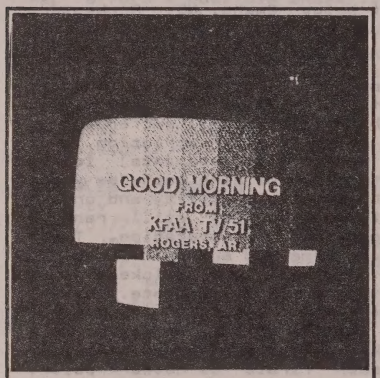
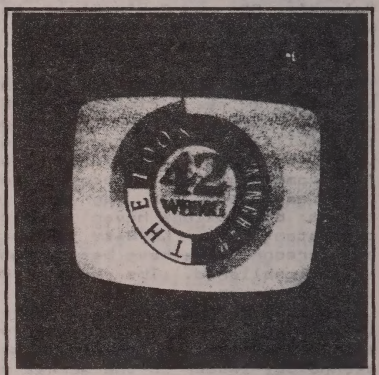
MAY 1992

The First reporter this month is, Bill Eckberg - Dixon Illinois. Equipment: 1966 Zenith b&w tube type receiver model ch 14N22, modified Zenith 175-2225 detent tuner. Rohn tower with a Channel Master 1110 VHF at 41'. Rohn crankup tower with a Channel Master 7 foot dish and RDX Labs UA900 (round) preamp at 52 foot and 125 foot of Jerrold CAC-11 coax.

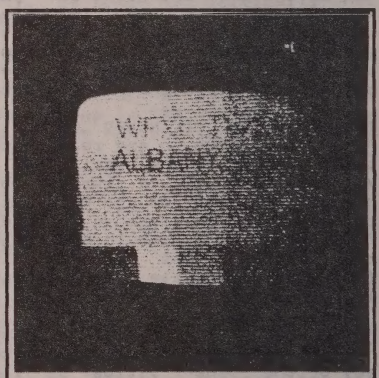


KFAA-51
Rogers, Arkansas
444 mile tropo
seen January 4, 1992
at 0605 CST



WBMG-42
Birmingham, Alabama
582 mile tropo
seen January 5, 1992
at 2130 CST

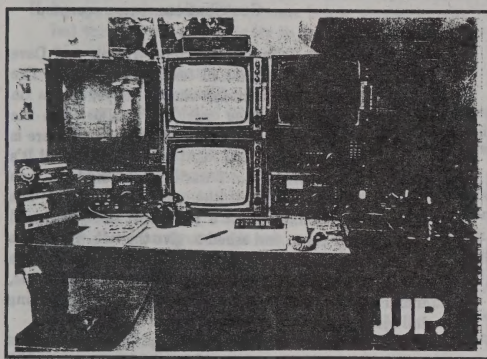
WTTO-21
Birmingham, Alabama
582 mile tropo
seen January 6, 1992
at 0120 CST
"Xmits on 4 channels"



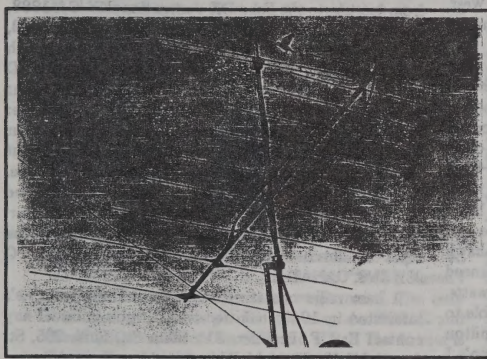
WFXL-31
Albany, Georgia
758 mile tropo
seen January 6, 1992
at 0205 CST
"Took out WAAY-31"

Thanks for the great photos Bill.

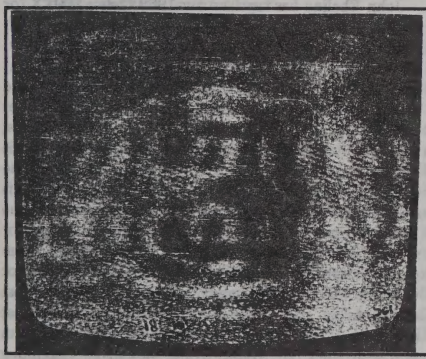
From Joop J. Prosee - Spanbroek, Holland we have a great looking DX shack setup photo more of his antenna system and an F2 photo.



"My shack, with one modified Icom R7000E, one standard Icom R7000E, one Yaesu FRG 8800, one modified Philips X12T740 12" TVset for TV system BL /GHIL, two standard Philips X12T740 TVsets for system B/GH, one JVC 7255EE/A 14" Multinorm colour TV set for system BDL/GHKLMN in PAL Secam-H Secam-V NTSC 3.58 and NTSC 4.43. Furthermore, CDE/HighGain HAM IV and CDE AR33 rotators, clock with GMT, telephone, photocamera, cassetterecorder and on the rightside a switchbox allowing me to connect every antenna with every TV or radio set. This box is also fitted with switches to feed power to the external feeded mastamplifiers."



Continued from the April 1992 VUD PHOTO-NEWS column page 13 "My second mast, with a Chl. E4 dipole on top at 13m (43 feet). Under this dipole is mounted a big Logper antenna for 40-108MHz with a boomlenght of 4.145m (13' 8") a longest dipole of 3.510m (11' 8") and a shortest dipole of 1.286m (4' 3").



"Thailand, Bangkok Entertainment Company (TV3), CHI. E2 ERP unknown, offset 8M -10.4kHz. Received via F2. Photo is showing the stations logo, a big "3". Distance; estimated 9000km (5600 miles).
We also receive another E2 TX of the same network and the same programmes with a zero offset."

More to come from Joop and others in the next installment.

I'm trying out the new IBM compatible computer on the column for the first time this month. The new Panasonic KX-P1124i printer should make the text clearer and easier to read. The program used is Power Up Software Corp.: Express Publisher version 2.0; a powerful program with lots of features. I'll also use it for my ETVDX and NFMDX reports.

Till next time, DAVE

FM NEWS

Bruce F. Elving, Ph.D., Editor
Box 336
Esko MN 55733-0336, U. S. A.

Contributions always accepted!

Readers' Reports, FM Phasing, Philters' News

Raymond Nahl was one of several to mention the new calls for 105.1 New York City: WMXV, which is still "Mix 105." He's also getting the new WEDW *88.5 Stamford CT.

Chris Dunne sent some confusing information by way of an European DXer and traveler to Latin America which conflicts with the FM Atlas. Check and see if the following aren't erroneous as given here for Tampico: XHRW 97.7 (I list as 99.3), XHPP 93.5 (?), XHTPO 94.5 (?). And Chris says his local WSHE 103.5 "She" became "He," "W-H-E." Of course, by April 2 the joke was exposed for what it was, and it's now back to WSHE.

Some of the formats below are courtesy Steve West, who has "some good results with initial phasing experiments."

Bruce Hall sent a lot of information and says: "Received my 14th editon of the DX bible and right off the bat your choice of cover colour is ultra modern. Goes to show you, you can judge a book by its cover. Excellent choice!" [We used the Pantone color chart and have selected colors for the next several editions—b.e.] "Big improvement on maps and enjoyed the other radio reference section. Would like to see more logos but I realize space permits only one Canadian. But the one you picked is rare. CKON 97.3 Cornwall (Mohawk Nation Radio)." His new local CKRZ 100.3 is pronounced Zee and not Zed, and is now $tereo and 250 watts. "Thanks to your listings of station powers I was able to straighten out some false claims. Y 95 95.3 Hamilton claims 'the most powerful FM signal in Ontario'. I phoned FM 96 London about claim and spoke to Barry Smith, program director. He says if they want to call themselves that, we will just shrug our shoulders. Not the competitive spirit I was expecting. Sure not like the states, eh? Anyway, we have an outspoken columnist at the Toronto Sun who writes about radio waves. I left the info on his fax machine and to my surprise he printed it a couple of days later. Y 95's primary target is Toronto and their most powerful reference must be to impress some unexpecting Toronto listeners. Not now, thanks to 92 Atlas." Bruce modified his JCV JR-S201 with IC strips and three 110s. "Less local splash, but I'm afraid it might also be less sensitive but sure is razor-sharp. Kudos to our 'filter king' soon to be known as the 'Jersey phazer' for all his help." He sent some logos which are being saved for possible "FM Atlas" use.

Greg Coniglio says "great job on the 14th FM Atlas" and he sent much station news. When a new Atlas comes out my mail seems to increase, with people reporting station news both when they order the book and after they get their copy. Of course, I welcome FM station news at any time.

Clarke Ingram, a former official of the WTFDA, is still interested in DXing and he sent me a long-forgotten tape from the ANARC convention July 16, 1977. "Peter Oprisko, John Zondlo, Mike Hogan and Dave Browne from ANARC are all on the tape—people I've been out of touch with for almost 15 years. I'm on there, too, giving a brief talk on 'nonIDers' to the crowd, and introducing the others. And, then there is your 'unscheduled' talk on SCA, which is enclosed! It's hard to believe, now, that I was 20 years old back then (and I barely remember the convention, much less taping the presentations)." I remember being cornered in the men's room and asked to give the talk. There was no SCS reception in the room at the mall where I spoke but that did not deter interest. Many of the people, including Tom De Pauw, followed me out to the parking lot where we did get reception.

Alain Pepin, tanned from his trip to Bonaire, offers various station ID tapes: Nebraska/Minnesota 1987 from his trip to the Esko DX convention; KY/GA 1988, on way to Atlanta WTFDA convention; Florida 1989, all on C-90s. On C-60s he offers a tape of French Canadian radio, 1980-86; radio bloopers from his ID collections, with dates indicated. And coming soon: Bonaire and Puerto Plata: "AM and FM in Paradise: Dec. 1991 to Feb., 1992, which will feature a crystal-clear Venezuelan selection. . . All these tapes contain about 70% FM and 30% AM stations, except for the last one. All recorded on location in mono for best sound quality." Alain promised to get a copy of the 'Messenger' of the CIDX club to me. Write him for prices on the tapes at 234 rue Montcalm, St-Jean-sur-Richelieu PQ J3B 3N8, CANADA.

A ham radio operator, retired from Heath, says he's interested in 1940s ham receivers. If you know of any contact Earl F. Broihier, 311 State St., Suite 205, St. Joseph MI 49085, and tell him I sent you.

John Ebeling has repaired my 1969 Fisher 500TX for the umteenth time, saying "this is the last time I will work on this Fisher. It is so botched up now it is a pity. These units were not easy to repair in the first place, but with all the added wires it is just too frustrating," and he compared the repair history of mine with his Fisher 550T bought 12-21-67. He's had to replace dial cords; but mine has never needed that repair! At one time his Fisher "logged 2200 hours a year using a running time meter." I have an identical Fisher Roger Winsor is interested in, acquired from Tom De Pauw at the Dunkirk convention last summer. Also have a poor excuse for a receiver, a Fisher 800-T which John partially refurbished, but with its FM-RF transistor not working and no replacement available, it may be a lost cause—unless one wants to snuggle up to the most powerful 100-kw local and forget DXing exists. John sent an article from "Radio World" newspaper defending an FM freeze alleging "the band has been compromised because of the proliferation of stations and short spacing." John comments: "FM—Finally Messed-up. It took 40 years, but we made it!"

Gil Morgan, from Santa Ana CA, who ordered an FM Atlas, says "thanks for your great labor of love and dedication to the hobby. Your maps make FM DXing

come alive, if only for a direction to point my antenna to!"

Rusty Curry in OR noticed the new FM in Medford OR on 91.7, KCIA, has the same frequency as nearby KCHC Central Point. "Does this mean that KCHC is going to change frequencies?" [Not necessarily—KCIA is low powered and has its antenna below average terrain, but the best thing to do is try to find someone at KCHC who might know what their plans might be.]

Tom Bryant sent a summary of the new proposed FCC rules which would allow one person or company to own up to 30 FM and 30 AM stations, with some same service ownership in the same market, depending on the number of local stations. Tom says: "Other than unnecessary proliferation of stations (AM and FM), this is probably the worst thing EVER to happen to the U.S. broadcast industry! Particularly the small operators. They could barely make it as is, now they won't stand a chance!" [I agree; it will continue the trend to consolidate station ownership in the hands of a few and make the band less interesting to DX, with programming getting even more homogeneous than it is.] Tom also sent a clipping from "Broadcasting" magazine about the purported 50 kw solar power at KTAO 101.5 Taos NM. A reader corrected them on the fact that their real transmitter power is closer to 1000 watts, with height making it 50000 watt equivalent power. I wrote a similar letter which got in the Canadian "Broadcast Technology" magazine, pointing out that all they needed was 250 watts solar with antenna gain giving them the 1000 watts h & v. Tom will keep us posted with regard to the sale of WRLT 100.1 Franklin-Nashville TN. Seems Horton's group is back in the saddle, with the library bowing out.

It was Doug Smith who mentioned that WFSK *88.1 Nashville is off the air, and he's getting the new WAYM *88.7 Columbia-Nashville TN in stereo. He confirmed WYYB 93.7 Dickson TN is also $tereo. "Really haven't tried the Morse ID experiment much more. The only local stations that might ID that way are W36AK and the WQZQ translators on 99.5 and 102.1. The former is Trinity Broadcasting and the latter are easy listening—I can't stand to listen to either."

Bill Nienajadly sent an article on the quiet style of so-called "easy" stations in NY—WLTW 106.7, WMXV 105.1, WPAT-FM 93.1, WCBS-FM 101.1, WQCD 101.9, which don't always make the headlines as "they don't court controversy." They just quietly go about their businesses getting large audiences and making money. "It is a sign of the times that New York's easy listening stations boldly advertise that their music can be played in the background of an office or home. A decade ago, this would have been considered treason." I'd question the "easy listening" label on most of those stations. Another article Bill sent is about all the TV advertising being done by local FM stations—and it's not all trade-outs. For example: WMXV 105.1 and WLTW 106.7 spent $1.4 million, WHTZ 100.3 $1 million, WPLJ 95.5 $800,000—all in an attempt to attract DXers back to their locals! About local station crossownerships Bill muses: "Bad idea! Imagine Z-100, WMXV or WLTW on three spots on the FM dial? Or AM dial? FCC should prohibit simulcasting and order separate programming!"

Another article Bill sent is about the CBC in Canada trying to break even by cutting costs and prolonging the life of its equipment. This might help FM with antiquated AM transmitters being phased out, but hurt in that the CBC is apparently unable or unwilling to invest in automated individual station identification equipment for its many FM transmitters, both English and French. Consequently, I aim my antenna very seldom at Canada, and don't pay much attention to Canadian DX in the VUD. WNTI *91.9 Hackettstown NJ might confuse DXers with many specialty shows on the weekends, including Bill Nutt's "The Nutt House," featuring folk 2 to 6 p.m. Saturdays. WNTI has "poor audio quality," according to Bill. The article says its equipment is "state of the art 1955," and the station, although stereo, is horizontal only, as were all other FMs in 1955. Bill says Damark is selling $50 tuners. And he claims WEDW *88.5 CT is mono, which conflicts with what I heard elsewhere. Could be they turn their stereo off when broacasting talk (which is a good practice)? Bill modifed a Damark tuner to .50 kHz steps, he got rid of the $tereo muting ("so I could DX stereo-phoney"), and "threw in 110s. Not bad for $50."

Gary Olson kindly sent a list of Chicago area FM stations. "I do not DX much any more. Too many stations on the air all night. Too many demands of my business. Too many problems with things busting on my tower every year. Plus, time now seems to fly past and DXing seems like a wasterful endeavor with so much else going on. I'll stay in touch from time to time. Your latest edition looks real good (just make the type in the VUD larger—I have trouble reading the small type even with my new glasses)." This is about the largest type font I have, but all this is photoreduced by the printer before it becomes part of your VUD.

Until next month—but in the meantime, take a trip down last month's memory lane with a look at "See Also."

New FM Station Grants

AK Dillingham 99.1 6000 h,v; 51 m
CA Dunsmuir 100.1 3000 h,v; 48 m
CA Sacramento 103.5 2600 h,v; 107 m
GA Cedartown *88.3 6000 h,v; 100 m, g, Immanuel Educational Bcstg., Inc.
IL Morris 103.1 3000 h,v; 100 m
IN Chandler 93.5 3000 h,v; 100 m
IA Hampton 98.9 6000 h,v; 99 m, John Linder
KS Salina *90.7 3000 h,v; 100 m, North Central Kansas Bcstg.
KY Campbellsville 99.9 3000 h,v; 100 m
KY Garrison 98.3 2600 h,v; 150 m
KY Virgie 107.5 3000 h,v; 100 m
ME Searsport 101.7 6000 h,v; 72 m
MI Bridgman 97.5 1900 h,v; 126 m
MI Marquette 94.1 4500 h,v; 115 m
MN Worthington K214BM *90.7 (KNOW-FM 91.1 St. Paul), 180 w
MT Laurel (Billings) 101.7 100000 h,v; 128 m
NV Laughlin 93.5 100000 h,v; 576 m
NM Kirtland 102.9 96000 h,v; 311 m, Thomases
NY Fort Ann (between Whitehall and Hudson Falls) *91.7 1000 h,v; 364 m, g, Christian Theater of the Air, Inc.
NC Durham *90.7 45000 h,v; 144 m, d-a, NC Central University
OH Ashtabula 98.3 2000 h,v; 123 m
OK Ponca City *88.7 11500 h,v; 146 m, g, The Love Station, Inc.
TN Dyersburg W218– *91.5 (WMBI-FM 90.1 Chicago via satellite); displaced from 90.7
TX Longview 97.3 50000 h,v; 150 m, Capitol City Bcstg. Co.
VA New Market 103.3 2300 h,v; 166 m
WY Casper *90.3 100000 h,v; 587 m, g, Western Inspirational Broadcasters, Inc.
PQ Lac Allard (location unknown) 97.7 CILE- 20 h, Radio & TV Comm.

Call Letters Assigned or Changed

AL Bay Minette 105.5 WYMZ (WMMV)
AK Anchorage 104.1 KBRJ (KKLV)
AK Fairbanks 101.1 KAKQ (KAYY)
AZ Kachina Village (move from Winslow—location of Kachina Village unknown; transmitter to be 43 km WSW Flagstaff) 105.1 KFLX (KTDX), to 1000 h,v; 600 m, C1
AR Eudora 101.5 KRVF

CA Auberry 105.1 KSLK (KXDR)
CA Ludlow 105.7 KDUQ (KEQF)
CA Rio Dell 107.1 KRVD
CA San Diego 102.9 KCLX-FM (KSDO-FM); KCLX AM is in Colfax WA
DC Washington 103.5 WGMS"-FM" (WGMS-FM; AM in Bethesda MD gets new calls)
FL DeFuniak Springs 103.1 WLGH (WQUH)
FL Inverness *90.1 WWUA
FL Tallahassee 106.1 WRZK
FL Vero Beach 99.7 WWDO
HI Honolulu 99.5 KORL (KAGB)
ID Eagle 107.9 KRVG
ID Wallace 100.7 KSQA
IN West Lafayette 106.7 WGLM (WXAW)
IA Eldora 99.5 KDAO-FM (KXGA)
KS Clearwater 98.7 KSQB
KY Millerstown *90.1 WJCR-FM (WJCR; short-wave station is in Upton KY, 7490 kHz)
KY Morehead 96.3 WWDQ
KY Stamping Ground 99.1 WWUD
MI Lansing 101.7 WILS-FM (WLYY), k
MI Muskegon 104.5 WSNX"-FM" (WSNX-FM; AM gets new calls)
MI Mount Clemens 102.7 WDZR (WXCD), "Detroit's Z-Rock"
MN Austin *91.3 KMSK (KAVT), jc, now relaying KMSU *89.7 Mankato
MN Deer River 105.5 KDLZ (KLZZ)
MS Long Beach 94.5 WWUB
MS Senatobia *88.9 WKNA (WNJC)
MO Lexington 107.3 KXXR (KCFM)
MO Liberty 106.5 KKCJ (KXXR), "CJ-106.5"
MO Otterville 107.7 KSQC
MT Hardin 95.5 KGHL-FM (KKUL-FM); AM is in Billings
NE Lincoln 106.3 KIBZ (KMXA), r, "The Blaze"
NV Carson City 94.7 KIZS (KRWR)
NV Las Vegas 98.5 KLUC-FM (KLUC)
NJ Bridgeton *89.3 WWUC
NM Santa Fe 105.1 KZRQ (KIVA-FM), "Z-Rock"
NY Irondequoit 106.7 WMAX-FM (WOSB), AM is in Grand Rapids MI, $, op, "Max 106.7," ID with Rochester
NY New York 105.1 WMXV (WNSR), "Mix 105"
NC Kill Devil Hills 104.1 WCXL (WXAI), to 141 m (100000 h,v)
NC Laurenburg 96.5 WMXF"-FM" (WMXF-FM; AM gets new calls) [92" (strict)
OH Alliance 92.5 WZKL (WDJQ), o, "Cool/
OH Lima 93.1 WFGI (WLMB)
OH New Philadelphia *91.5 WWDP
OK Ada *89.7 K209AZ
OK Ponca City *89.9 K210BB
OR Coos Bay 106.5 KRSR-FM (KYYG-FM)
PA Pittston 102.3 WTLQ (WTOQ-FM), "Q-102," apparent FCC error stating calls are changing to WTOQ-FM.
SC Ridgeland 104.9 WECH (WSHG)
TN Dyersburg *90.7 WKNQ
TN Jackson *90.1 WKNP (WJTR)
TN Livingston 95.9 WCSD (WXKG)
TX Abilene 100.7 KORQ (KORQ-FM); AM station deletes
TX Conroe-Houston 106.9 KKHU (KJZS), to (talk and oldies), "U 106.9"
TX Dallas 105.3 KYNG (KRRM), "Young Country 105.3" [new calls)
TX Killeen 92.3 KIIZ"-FM" (KIIZ-FM; AM gets/
TX San Antonio *88.3 KAPD (KPAC)
TX Terrell Hills 106.7 KKYX-FM (KMMX), k
UT Provo 96.1 KXRK (KZOL), "X-96"
VA Appomattox 102.7 WVLR (WZST)
VA Warrenton 107.7 WRCY (WMJR)
ON Ohsweken 100.3 CKRZ, $, kr and variety.

Facilities Changes Granted

AL Arab WCRQ 92.7 700 h,v; 205 m
AL Valley W209AB *89.7 (town change from Fairfax)
WEBT *91.5 (town change from Langdale)
AL Northport WLXY 100.7 6000 h,v (100 m)
AL Tuskegee WACQ-FM 99.9 3000 h,v; 142 m
AZ Arizona City KONZ 106.3 3400 h,v; 134 m
AR Bella Vista KBVA 106.5 37000 h,v; 173 m
AR Helena KCRI-FM 103.1 13000 h,v; 97 m, C3
CA Bakersfield KUZZ 107.9 6000 h,v; 416 m
CA Bishop K215– *90.9 (K216BM 91.1)
CA Lemoore KQYZ 104.9 1900 h,v; 127 m
CA Los Angeles KPWR 105.9 21400 h,v; 915 m
CA South Oroville KYIX 104.9 250 h,v; 473 m
CO Longmont KQKS 104.3 58000 h,v; 370 m
FL Graceville WYDA 101.7 (from 102.1)
FL Edgewater WEDG 93.1 10000 h,v; 146 m, C3
FL Marathon WGMX 94.7 (from 94.3) 50000 h,v; 84 m [h,v; 119 m, d-a
FL New Port Richey WLPJ *91.5 25000/
GA Ocilla WSIZ-FM 98.5 4300 h,v; 110 m
GA Tifton WPLH *103.5 (from 104.9)
GA Waynesboro WAGW 107.1 25000 h,v, adds d-a (90 m)
GA West Point WCJM 100.9 6000 h,v; 54 m
HI Kealakekua KAOY 101.5 (from 92.1) 6100 h,v (49 m), C3 [(from 101.1)
IL Augusta WAHI *98.5/ [h,v; 138 m
IL Champaign WIXY 100.3 12900/ [m), B1
IL Newton WIKK 103.5 25000 h,v (100/ [m)
IL South Jacksonville WJVO 105.5 6000h,v (91/
IN Ellettsville WZYG 105.1 6000 h,v (100 m)
IN Fort Wayne WLAB *88.3 7000 h,v; 104 m, B1
IN Nashville WVNI 95.1 1700 h,v; 187 m
KS Bellaire K202BP *88.3 (from K205BQ 88.9)
KS Burlington KSNP 95.3 97 m (3000 h,v)
KY Benton WVHM *90.5 8000 v only (107 m)
LA Monroe KNLU *91.1 (from 88.7) 8500 h,v; 218 m, C2 [m, d-a
ME Bar Harbor WPRG 99.1 16700 h,v; 123/
ME Dexter WGUY 102.1 26500 h,v; 205 m, C2
ME Saco WHYR 95.9 6000 h,v; 100 m
MA Orange WFUD 97.3 5800 h,v; 30 m
MA Southbridge WQVR 100.1 1740 h,v; 180 m
MI Niles WAQR 95.3 3300 h,v (91 m)
MS Indianola WNLA-FM 105.5 4400 h,v (59 m), adds vertical
MS Laurel WMXI 98.1 6000 h,v (100 m)
MS Prentiss WJDR 98.3 6000 h,v (99 m)
MO Bonne Terre KDBB 104.3 790 h,v; 192 m
MO Cabool KOZX 98.1 (from 106.3)
MO Canton KBXB 102.3 12500 h,v; 94 m, C3
MO Columbia K228CR 93.5 KLTE 107.9 Kirksville (from KEZK-FM 102.5 St. Louis)
MO Joplin K292DM *106.3 has KNEO *91.5 Neosho, "Country Christian Radio" (from KVOO-FM 98.5 Tulsa OK) [m
MO Marshfield KTOZ-FM 104.7 35300 h,v; 177/
MO Palmyra KICK 97.9 26500 h,v; 182 m
MO Poplar Bluff KLUH *90.5 700 h,v; 42 m
MT Havre KNMC *90.1 3800 h,v; 114 m, Class A
NE Broken Bow KBBN 98.3 3400 h,v (101 m)
NV Gardnerville KGVM 99.1 (from 99.3) 6900 h,v (-249 m), C3
NJ Lawrenceville WRRC *107.1 (from 88.5), 20 watts h,v; 11 m, adds vertical
NM La Luz-Alamogordo KPSA-FM 103.7 (from 92.7) 50200 h,v; 408 m
NY Garden City WHPC *90.3 500 h,v; 65 m
NY New York WHCR *90.3 81 m (8 watts h,v)
NC Nags Head WNHW 92.5 18500 h,v; 62 m
OH Conneaut WGOJ 105.5 6000 h, v (90 m)
OH Crooksville WYBZ 107.3 92 m (3000 h,v)
OK Moore KMSI *88.1 30000 h,v; 182 m
OK Nowata KRIG 94.3 3500 h,v; 132 m
OR Newport KYTE 102.7 64800 h,v; 269 m
PA Allentown W246AA *97.1 (from W285DB 104.9) [99.3 6000 h,v (100 m)
PA Harrisburg WIMX-FM/ [h,v; 120 m
PA South Williamsport WZXR 99.3 4200/
PA Whitneyville WLIH 107.1 3300 h,v (91 m)
SC Batesburg WKWQ 93.1 (having moved from 95.3), LMA with WKSO 103.9 Orangeburg
SC Lancaster WRHM 107.1 2600 h,v (133 m)
TN Atwood WTKB 93.7 6000 h,v; 100 m
TX Claude KARX 95.7 100000h,v; 119m [m)
VA Bridgewater WRDJ-FM 105.1 6000h,v (94/
VA Salem WJLM 93.5 5800 h,v (30 m)
WA Dayton KZHR 92.5 54000 h,v; 379 m, C1
WA Pullman KZZL 99.5 81400 h,v; 323 m, C1
WV Matewan WVKM 106.7 2450 h,v (164 m)
WI De Pere WJLW 95.9 17800 h,v; 119 m
WI Park Falls WHBM *90.3 17500 h,v (222 m)
WI Plymouth WXER 104.5 6000 h,v (100 m)
WI Waunakee WYZM 105.1 6000 h,v (74 m)
VI St. Thomas WIUJ *102.9 (from 88.9)
SK Ile-a-La-Crosse CILX *92.5 (from 89.9)
YT Watson Lake CKRW- 98.7 (from 90.5), 10 h

Stereo—or to be $tereo

LA Bunkie KEZP 104.3
NC Elkin WIFM 100.9, rm, "Gold 100.9"
NC Old Fort WDLF 104.3, rm, "Delightful 104"
OH McConnelsville WJAW 100.9 m, parallel to WMOA 1490 Marietta
OH South Webster WXIO 94.9, k, ID with Portsmouth and Wheelersburg, "Z-94" (not "South Boston," as in April VUD, p. 14)
PA Millersburg WQLV 98.9, mr, "Love 99"
PA Olyphant WZZV 95.7 [stereo"
PA Stroudsburg WSBG 93.5 "has returned to/
TN Columbia WAYM *88.7 on with rg, "the only religious station I've been able to tolerate listening to for more than five minutes." ID with Nashville.
TN Dickson WYYB 93.7
TX Johnson City KFAN-FM 107.9
TX New Braunfels KTSW *89.9
VA Gloucester WXGM-FM 99.1
VA Narrows WZFM 101.3, r. "Yes, they're stereo." [95" (and "Mix 95")
VA Rural Retreat WCRR-FM 95.3, k, "C-/ Monophonic
CA Garberville KBEY 104.7 tried stereo, "but is back to mono. Too much multipath in their mountainous coverage area, one assumes."
PA Benton WZZC 95.9 "stereo-phony," with stereo pilot on, but monocasting. Expected to be a temporary situation.
PA Martinsburg WJSM-FM 92.7 still mono
PA Nanticoke WYOS 92.1 "stereo-phony," with stereo pilot on, "but clearly in mono." Said to be working on the problem and stereo resumption expected soon.
TN Nashville WFSK *88.1—actually nothing, not even mono. Off air, remove $, format listings.

See Also April VUD For

AL Union Springs WSFU 94.1 Power 94, but is it stereo? "Station News," p. 14
AR Bella Vista KBVA 106.5 is it stereo? Tudenham, p. 18
FL Fort Myers Villas WSUY Sunn 106.3, Dunne, p. 20. Is it stereo?
FL Naples WBPT *89.5 gr, "Power 89.5," but is it stereo? Calls of station it relays change to WJYO from WSRX (Dunne, p. 20).
FL Summerlandx Key WPIK 102.5 (from 102.9), Dunne (note not 102.1, Stempick, p 19), p. 20 [FM, Stempick, p. 19
GA Swainsboro WXRS-FM 103.9 104/
IA Clarinda-Shenandoah KKBZ 106.1 B-106, Hawk, p. 15 [Falconer, p. 16
MI Essexville WIXC 97.3 $, "Wixie,"/ [p. 16
MI Ludington WKLA-FM 106.3 rm, Falconer,/
MI Plymouth WSDP *88.1 rp, $, Falconer, p. 16
MO Aurora KGMY 100.5 MY Country 100.5 with, most likely, Republic ID, Tudenham, p. 18
MO Liberty 106.5 new calls KKCJ, Hawk, p. 15
NE Hawk's radiations heard on 106.6, 102.15 and 102.95 are almost certain local oscillator radiations from nearby FM radios caused by listening to, respectively, KEFM 96.1, KIOS *91.5 and KEZO-FM 92.3 (all 10.7 mz below the frequencies where radiation heard).
NY Monticello WXTM (r) is most likely the mystery station Shaftan heard (p. 17)

Format Changes

Formats are the same as in the "FM Atlas"
AL Dothan WESP 102.5 mr

AZ Clifton KJJJ 102.1 rm
AZ Phoenix KNAI *88.3 to be Spanish, I
CA Groveland KXSR *91.7 cn, soon DX ready
CA Hayward KCRH *89.9 r, is on air, mono
CA Kings Beach KXKB *89.9 cn, a KXPRelayer
CA Soledad KLUE 106.3 r, "Clue 106.3"
CA Tahoe City KRZQ 96.5 r, "modern rock"
FL Panama City WPFM 107.9 r, "Power 108" (from "The Great 108"), returns to air
FL Port St. Joe WMTO 93.5 o [AC"
FL West Palm Beach WEAT-FM 104.3 mr, "soft/
GA Savannah WJCL-FM 96.5 k, "Kix 96"
GA Waynesboro WAGW 107.1 mr
IL Freeport WXXQ 98.5 k, "Q-98.5"
IN Brownsburg WQFE 101.9 m, $, "about half b and half m," nonID: "EZ 102"
KS Girard KYPG 99.1 op, returns to air
KY Elkhorn City WRAU 103.1 o
KY Hindman WKCB-FM 107.1 r, "Power 107"
MI Battle Creek WBXX 95.3 o
MI Holland WYXX 96.1 b, "Magic 96.1"
MI Menominee WCJL-FM 103.9 k, "SMN Real"
MN Fergus Falls KJJK-FM 96.5 k, "KJ Country 96" [92" (from "92-KOR")
MS Starkville WKOR-FM 92.1 k, "Hot K-/
MO St. Louis KRJY 96.3 o, "Juke Box 96"
NV Ely KELY-FM 101.7 m [midnight
NJ Bridgeton WSNJ-FM 107.7 m, signs off/
NJ Cape May Court House WBNJ 105.5 m, no j
NJ Trenton WNJT-FM *88.1 sj, "soul, rap and jazz," still monophonic
NM Farmington KRAZ 96.9 r, still "Star 97"
NY Canton WVNC 96.7 rm, "Mix 96"
NY Catskill WCTW 98.5 rm
NY Wurtsboro WZAD 97.3 o, SMN Pure
NC Salisbury WRDX 106.5 rm, $, but "variety," and now "Beach 106" (from "X-106"); ID with varied second city and then Charlotte
OH Ashtabula WREO 97.1 rm, "Star 97" (not strict; from "FM 97")
OH Canton WHBC-FM 94.1 rm, "HBC-FM" (from "Stereo 94")
OH New Philadelphia WNPQ 95.9 mr; uses calls (no "Quick 96")
OH Portsmouth WNXT-FM 99.3 rp, "99-X"
OK Taft KHJM 100.3 rm
OK Woodward KWDQ 102.3 r, still "Q-102"
PA Harrisburg WRVV 97.3 r, "The River"
PA Philadelphia WIOQ 102.1 s
WMGK 102.9 mr, including new age with soft rock 9 p.m. to 1 a.m.
PA Shamokin WSPI 95.3 r, still "Spy 95.3"
SC St. Matthews WQKI-FM 93.9 s and "variety"
SC Walterboro WALD 100.9 t, remove $ listing
TN Paris WMUF-FM 94.1 k
TX Seminole KSEM 106.3 k
TX Wichita Falls KWFS 103.3 k, "Hot 103," ending LMA with KYYI 104.7 Burkburnett, with KYYI in receivership
VT Middlebury WGTK 100.9 op, "K-101"
VA Norton WNVA-FM 106.3 rm
VA Rocky Mount WZBB 99.9 k
WA Long Beach KKEE 94.3 o
WV Charleston WVNS 96.1 rm, "Light Mix 96"
WV Ravenswood WRZZ 106.1 op, $
WY Riverton KTAK 93.9 k
ON Saint Catharines CHRE 105.7 r. "They are very upbeat!"
PQ Chicoutimi CFIX 96.9 rm, French
SK Regina CKIT 104.9 mr

On Air and DX Ready (Selected)

CA Paradise KCHH 103.5, having moved from 92.7. "Major improvement in coverage, though not in format."
MI Gulliver WCMM 94.7 —is it $tereo?
MN St. Peter-Mankato KNGA *91.5, mono talk, no SCS. "Another waste of spectrum space in Minnesota."
MO Columbia KARO 101.5, having moved from 101.7. Now a C2, with C1 pending.
NJ Manahawkin WJRZ 100.1 with 1600 h,v; 137 m, but claiming "3000 watts"
NY Mayville W211AE *90.1. "Nice signal along NY 17" in Jamestown area
OR Medford KOPE 103.5, "with nt as advertised"
PA Denver-Richland W214AL *90.7
PA Erie W252AB 98.3, W285AI 104.9
PA Mountaintop WYRM 97.1, "Warm," simulcasting WARM AM Scranton with talk, pseudo-stereo with stereo light on. Some music; Clarke Ingram (remember him?) is checking to see if the music is actually in stereo.
PA Philadelphia WPEB *88.1 apparently has had a power increase and gets out much better, but "can't seem to contact anyone who knows any details."
PA Sellersville WBYO *88.9 on air, mono, r, parallel to WRDV *89.3. "The old translator is gone as a result."
PA Susquehanna WKGB 92.5, still "KGB-FM," and ID with Binghamton NY where its studios are

Off Air or Not Yet On

CA Rohnerville (to move to Fortuna 100.3) KQEX 100.5, due on "soon," and plans to serve Fortuna "as opposed to Eureka"
IN Kokomo WIWC *91.7
IN Roanoke WQTX 94.1 (moving from 105.1)
MS Ellisville WJKX 102.5
NJ Manahawkin 105.7 local newspaper says it is WJRZ which will move from 100.1 to 105.7, while a reader contends that WKXW 101.5 Trenton will be relayed. "I totally disagree. . . I can't imagine where he could have gotten that information from!" However, the losing applicant is appealing the FCC grant, so it is possible 105.7 will go either way.
NJ Ocean Acres WQNJ 98.5; although never operated, it has a local address, 53 Nautilus Dr. ZIP 08050; (609) 597-6700.
NY Avon WYNQ 93.3
NY Jamestown WCOT *90.9
OR Tri-City KTRQ 104.3, had been mono
PA Erie WYZB 94.7
PA Girard WGAE *88.3
PA Ridgebury WMKB 96.9
TX El Paso KESB-FM 93.9 and AM, in receivership, "silent pending sale"
WV Pocatalico WTUN 98.7
WV Spencer WVRC-FM 104.7

Deletions

AR Fort Smith K276BI 103.1
K285CN 104.9—neither "on air and haven't been for years"
AR North Little Rock K257BQ 99.3
CA Monterey KHKN-FM2 104.3
CO Silverton K218BF *91.5
HI Kealakekua KAOY-1 92.1
IL Glen Ellyn WGHS *88.5, license "renewal terminated"
LA Lake Charles K269DA 101.7
MO Boonville K228CT 93.5
MO Centralia K265CQ 100.9
MO Jefferson City K285DP 104.9
K292AG 106.3
MO Sedalia K228CC 93.5
MO Springfield K296AS 107.1, "hasn't operated in years"
MT Culbertson K269AP 101.7
MT Toole K269AK 101.7
NC Durham WAFR *90.3, see also "New," above
OK Ponca City K205BY *88.9 (displaced by new station)
OR Brookings K265CH 100.9
PA Mount Pocono W221AC 92.1, denied more time to construct
TX Amarillo KLSF 96.9—had been in receivership; first known deletion of a previously-operating FM station in recent years
TX Kilgore K232CA 94.3
TX Nacogdoches K237BZ 95.3
WA Woodland K204BG *88.7
WY Jeffrey City K296AY 107.1
WY Wheatland K261AU 100.1

SCServices, 67, 92 kHz; TV-SAP, 78.67 kHz

Symbols are as in the "FM Atlas"

CT Stamford WQQQ 96.7 †C, 67 (WSTC 1400 AM) on occasionally, "Q 96.7 FM" on main
MA Boston WGBH *2 has BBC and DVS (descriptive video services for the blind), SAP
WGBX *44 has the same radio reading service as WERS *88.9's 67 (SAP, 78.67 kHz)
NJ Paterson WPAT-FM 93.1 †X,Z (from †Z,Z)
NY New York WQHT 97.1 no SCS (had †M,R)
WSKQ-FM 97.9 †R nonstop playing of song by some R&B group (Stylistics?). "I have a CD player feeding the SCA generator, and the only CD we had available at the transmitter site was, as you guessed it, a CD single of 'I Can Hardly Wait for Christmas'. I have no clue who the artist is. I was hoping to only have this on for a day or two, but the company that requested the test, I believe they want to do Chinese programming, can't make up their mind about the signal." Its 92 kHz retains †E, 92, "Chun-Wah Broadcasting," 24 hours a day/seven days a week of Korean. "The 96.3 (WQXR-FM) 67 kHz sounds like Korean, too, and about that song playing over and over on 67 kHz (WSKQ-FM), still going strong. . ."
WRKS 98.7 still †E, 92, which is the Korean Christian Broadcasting Network 24 hours a day from 1204 Broadway (†Z, 67)
NY White Plains WFAS-FM 103.9 †C (WFAS AM). Uses call letters on main; no longer "Bright 104"
SC Greenville WMUU-FM 94.5 †M, X (adding data at 92 kHz)
WA Seattle KUOW *94.9 †M, 92 (retains †T, 67) "The Sangean ATS 818-CS really is terrific. You should put it in your next catalog—it's so easy to tune and there's virtually no cross-talk" [when modified for SCS].

FMistakes, FM Atlas-14

AL Greenville 94.3 WQZX, not WQZK, p. 33
AL Orange Beach, not "Ocean Beach," p. 33 (WXAH) [is KQSTt, not KZGLt, p. 71
AZ Flagstaff 101.7 KZGLt, not KSMKt; 103.1/
AZ Sedona 105.5 KPSNt, not KPHNt, p. 70
AZ Window Rock KWRK 96.1, not 98.1, p. 68
CA Coachella KCLB 93.7, not KCLV, p. 81
CA Essex KHWY 98.9, not KHIW, p. 81
CA Fresno 99.3 no calls (not KQPW); 101.9 KQPW calls omitted, p. 79
CA Lindsay KZPO 103.3, not KZPD, pp. 79, 105
CA North Highlands *89.3 KEBR calls omitted, p. 77
CA San Jose 100.3 KBAY not on p. 78
CA Susanville 99.3 KONCt, not KONCt, p. 77
CO Breckenridge 92.1 KHOWt, not KSYYt, p. 72 [102.3 KVLE, not KKYY, p. 72
CO Gunnison 98.3 KKYY, not KGUC;/
CO Lamar KSEC 93.3, not WSEC, p. 73
CO Norwood remove *90.1 KVNFt from p. 72
CO Pueblo 104.5 KZKG calls omitted, p. 107
FL Cape Cove remove from p. 107
FL La Belle WKZY 92.5 state missing, p. 155
GA Atlanta 96.1 WKLS, not WPCH, p. 29
GA Dock Junction *90.5 WJFRt, not 88.7, p. 29
GA Eastman WUFF-FM listed both 92.1 and 97.5 in Station Directory; remove p. 167 listing (97.5). May temporarily be on 97.5, but to be displaced because of WWST 97.5 Jeffersonville and WTCQ 97.7 Vidalia GA.
HI Lihue KFMN 96.9 add $, p. 166
ID Preston 96.7 KACH-FM calls omitted, p. 110
IL East St. Louis 101.1 WFXB, not WSNL, p. 59 main map
IL Farmington 95.7 WZXT calls omitted, p. 110
IL Galesburg WVKC *90.7 state missing, p. 151
IL Kankakee 92.7 WLRT not on p. 49
IL Murphysboro 105.1 WTAO, not 104.9, p. 46
IL Spring Valley 103.3 WAIV calls missing, p. 110 [from main map, p. 40
IN Evansville remove 107.5/ [p. 180
KS Ogden remove listing on 103.1 for KQLA,/

KS Winfield KWKS 107.9, not 104.9, p. 113
KY Berea WKXO-FM 106.7 add k, $ to p. 113; not WKXO, p. 189
KY Glasgow 105.3 WWWQ, not WOVO, p. 40
KY Vine Grove 101.5 WRZI not on p. 40
KY Wickliffe, not Willmore, WGKY 95.9, p. 46
LA Bunkie 104.3 KEZP, not KRBG p. 34
LA Lafayette *90.9 KSJY, not KJSY, p. 34
LA Larose not on pp. 35, 114 (KMZM 100.3, 3000 h,v; 100 m, 24 km)
MD Cumberland 98.5 WFRBt, not "87,5," p. 21
MD Hagerstown 106.9 WARX, not WARK, p. 21
MD Ocean Pines 97.1 WZJO, not WXJO, pp. 21, 114 (WXJO is 95.5 in Bethalto IL)
MD Pocomoke City 106.5 WMYJ not on p. 21 (but dot is there); town misspelled p. 23
MI Ashley 92.5 stray "92.5" in $ column, no height given p. 155 (is to be WJSZ, 3000 h,v; 100 m) [44, as WCCW (not "WYTW")
MI Traverse City 92.1 map should give calls, p./
MN La Crescent 99.3 and 100.1 WQJYt, not WOJYt, p. 53
MN Faribault 95.9 KQCL, not KOCL, p. 53
MS Ebenezer 103.9 WZBR, not WKXI, p. 32
MS Fulton 101.9 WFTA, not 101.7, p. 32
MS Greenwood *90.9 WMAO, not 90.3, p. 32
MS Hattiesburg *88.5 WUSM, not WMSM, p. 32
MS Magee 107.5 WKXI, not WMJW, p. 32
MS Pascagoula WGUD-FM 105.9 not on p. 187 (has ID with Moss Point; $, 25000 h,v; 100 m)
MS Taylorsville WBBN 95.9 not on p. 32 (but dot is there)
MS Tylertown 97.7 WTYL-FM not 92.7, p. 35
MO Joplin *91.5 KANUt, not 91.9; *91.9 KNYDt, not 88.9, p. 58
MT Bozeman 93.7 KBOZ not on p. 86
NE Merriman *91.5 KRNE, not 91.9, p. 54
NV Indian Springs *88.7 KNPRt not on p. 74
NH Hampton 102.1 WZEA misplaced on p. 11 (dot is SE of Exeter)
NY Catskill 107.1 WPYXt, not 100.9, p. 15
NC Highlands 104.5 WHLC, not "Hamlet 104.3 WJSG," p. 24 west NC map
NC Statesville 96.9 WTDR, not WLVK, p. 24
OH Montpelier 104.5 WLZZ, not WYDF, p. 42
OH Portsmouth remove *88.3 WCDRt, p. 43; add *88.3 to pp. 41, 43 (WOHP)
OH New Paris *89.3 WVXR, not WVXB, p. 42
OH Sylvania 105.5 WWWM, not WWMM, p. 42
PA Covington 101.5 WHMU, not WMHU, p. 19
PA Jersey Shore 93.5 WJSA is moving to/seeking 96.3, not 99.3 p. 19
PA Spangler 97.3 WCCZ add $, p. 167
PA Washington *92.1 WXJX, not WXTX, p. 154
SC McClellenville 98.9 WZJQ, not WJZQ, p. 27
SD Canton 102.7 KIXK, not KIXS, p. 56
SD Gettysburg *90.7 WMBIt, not 91.9, p. 55
SD Sisseton remove 99.3 KREH from p. 55
TN Rogersville WJDT 106.5 add $, p. 127
TX Beaumont *89.7 KTXB, not KTDB, p. 34
TX McAllen *88.1 KHID, not KHLD, p. 67
TX Marble Falls remove 106.3 KZEPt from p. 64
TX Robstown KSAB, not KROB, p. 67, map C
VA Berryville WAPP 105.5 not "off air," p. 23
VA Cape Charles WMYA 96.1 (not "WKSV," p. 128). Now "Touch 96," and supposedly burying Cape Charles ID in favor of Yorktown
VA Lynchburg 100.1 WLYK, not WKZZ, p. 22
VA Ruckersville WXZY 92.1 add $, p. 155
WA Everett 103.1 KWMXt, not KSEAt; 106.3 KLTXt, not KWMXt, p. 84
WV Buckhannon *92.1 WVWC not on p. 20
WV Clarksburg 92.1 WVHF, not 92.7, p. 130
WI Green Bay *91.5 WGBW, not WBGW, p. 51; *90.1 WORQ, not 88.5, p. 130
WI Lancaster 97.7 WGLR, not WAXL, p. 57
WI West Salem 100.1 WQJY, not WOJY, p. 53
WY Evanston 106.3 KOTB, not KOTBt, p. 86
WY Laramie 103.9 KMJIt, not KXLTt, pp. 87, 145 [KRLU from p. 87
WY Lost Cabin remove 99.1/ [w v)
BC Atlin 98.1 CKRW- not on pp. 93, 169 (is 1/
BC Christina Lake 93.3 and Rock Creek 103.7 both have stations listed as CKGF-1 (call Rock Creek CKGF-3)
BC Kitwanga 94.3 and SK Patuanak 105.5 both have stations listed as CBKK; remove calls from Kitwanga
BC Ootsa Lake *94.9 CFUG calls omitted, p. 92
BC Pemberton 106.7 CKRW-6, not CKRW, p. 92
BC Victoria 98.5 CFMS, not CKMS, p. 92
NB Grand Falls 105.1 CFAI-1, not CFAI-, p. 100 both places
NF Labrador City 97.3 not on p. 133
NS Weymouth 103.3 CKDY-1, not CKDY-, pp. 100, 134
ON Belleville *95.5 CJBC-1, not 95.1, p. 96
ON Fort Albany CKFA 89.9 not on p. 149 (is 11 m, 1 watt v)
ON Fort Severn 89.9 CKFS, not 90.1, p. 97
ON Hornepayne 107.1 and Nipigon 100.7 both have stations listed as CFNO-2 (change Hornepayne to CFNO-3) [p. 150
ON Kashechewan 90.1 CKAS calls omitted,/
ON Perkinsfield 89.7 CFRH-2 calls omitted, p. 149 [p. 45
ON Sault Ste. Marie *89.5 CBSM, not CBSN,/
PQ Chisasibi *105.1 CBMP, not CBMW, p. 98
PQ Rouyn Noranda 96.5 CHOA, not CHLM, p. 97
PQ Wemindji *105.1 CBMW, not CBMQ, p. 98
SK Cole Bay 89.9, NF Norris Point *93.7 both have stations listed as CFBB; remove calls from Cole Bay.
YT Beaver Creek 90.5 CHON-, not CHRW-, p. 90
YT Stewart Crossing 90.5 CHON- not on p. 90
YT Tagish town name missing (dot is there); 90.5 CHON-, not CKRW-, p. 90
NT Yellowknife 97.3 not on p. 136
MEXICO TA Nuevo Laredo 94.1 XHTLN, not XHLTN, p. 67 [last edition."

"There appears to be fewer mistakes than the/
"Great on new edition."
"By the way, the FM Atlas and FMedia! are excellent! Keep up the good work!"
"Atlas 14 received: looks as good as ever! Is it my imagination, or are the by-frequency listings set in larger type? If so, thanks. I'm only 32, but I had occasional trouble reading the old, smaller type!"

NonIDs in Use

Mentioned usually without call letters; "strict" if a station only uses call letters once per hour as required by the FCC (at or near top of hour)

IN Nappanee WLRX 95.7 Lite Rock 95.7 (not strict)
KY Pikeville WDHR 93.1 (having moved from 92.1) Power Country 93 (very strict—"no legal ID"), mentions "50,000 wattts," but is 16500 h,v; 261 m ["101 FM")
MI Iron Mountain WJNR 101.5 Hits 101 (from/
MS Cleveland WDTL-FM 92.7 Delta Country
NJ Atlantic City WJLK-FM FM-94.3 (not strict)
NJ Trenton WPST 97.5 97-5 PST (not strict)
NJ West Long Branch WMCX *88.9 X 88-9
NY New York WXRK 92.3 92-3 K-Rock (not "92 point 3 K-Rock")
NC Shelby WWMG 96.1 Magic Oldies 96
NC Statesville WTDR 96.9 Country 96.9 (from "Thunder 96.9")
OH Belpre WNUS 107.1 US 107
OH Caldwell WWKC 104.9 KC-105
OH Cambridge WCMJ 96.7 Magic 96
OH Coal Grove WXVK 97.1 K 97 FM
OH Edgewood WZOO-FM 102.5 102-Zoo (not "Zoo 102")
OH Gallipolis WGTR 101.5 Classic Rock 101, ID with Huntington-Charleston WV, which is "pretty optimistic"
OH Medina WQMX 94.9 Mix 94.9
PA Berwick WKAB 103.5 B-103 with Bloomsburg-Hazleton
PA Chambersburg WIKZ 95.1 Mix 95, still r
SC Greenville WFBC-FM 93.7 Oldies 93.7
TN Chattanooga WSKZ 106.5 uses calls, no "KZ-106"
TN Milan WYNU 92.3 Power 92 (from "92-FM")
TX Brenham KTTX 106.1 (having moved from 106.3) K-Tex 106, ID with Bryan-College Station
TX Luling-Austin KFGI 94.7 Froggy 94
VA Bluefield WBDY-FM 106.3 Y-106 (from "Country 106")
VA Pennington Gap WSWV-FM 105.5 Twin W
VA Roanoke WPVR 94.9 New Light and Easy 95 (from "Easy 95"; WXLK 92.3 and WLYK 100.1 Lynchburg ID jointly)
VA Yorktown WKOD 94.1 Coast 94.1; still parallel to WKOC 93.7 Elizabeth City NC
WA Yakima KFFM 107.3 uses calls, not "K Double FM"
WV Oak Hill WAXS 94.1 Wax FM

Multi-City IDs In Use

CT Bridgeport WEZN 99.9 with New Haven, Stamford, Danbury. "I think you should include WEZN as part of 'New York City's FM Dial'. It comes in loud and clear here in Queens."
CT Norwalk WEFX 95.9 with varying second city (rotating among Greenwich, Westport and Danbury)
KY Allen WMDJ-FM 100.1 with Prestonsburg
KY Ashland-Huntington WV WRVC 93.7 adds Ironton OH
NJ Franklin WSUS 102.3 with Newton, and no longer saying "102" [New Brunswick
NJ Trenton WKXW 101.5 no longer IDs with/
TX McKinney KSSA-FM 106.9 adds Dallas, resumes Stereo, "Latin 107" (from "Radio Variedades")
WV Ripley WCEF 98.3 with Ravenswood

AM Happenings Most Likely Caused by FM (Selected)

AL Dothan WAGF 1320 off air, "show cause to determine if its license should be revoked"
AL Parrish WKIJ 1130 off air, "show cause. . ."
AR Jacksonville KOKY 1500 off air
AR Springdale KBRS 1340 off air, "show cause."
FL Avon Park WAPR 1390 off air, "show cause"
FL Coleman WFRK 1320 off air, "show cause".
LA Shreveport KVKI 1550 "silent for repairs."
MS Amory WDAT 1170 off air
MO Liberty KCXL 1140 silent
PA Harrisburg WKBO 1230 silent
SC Lake City WVLC 1260 silent "pending sale"
SC Pageland WPSC 1510 off air, "show cause"
TX Amarillo KORQ 1340 deleted by FCC
WI Marinette WCJL 1300 silent
ON Newmarket CKAN 1480 silent

FM As it Was—Or Might Have Been

There was an ad in the special FM radio edition of the "Hartford Times," Mar. 29, 1948 for a Fada table radio with FM for $34.95 from Case-Warner Co., 212 Asylum St. I am sure many of those tube radios with FM are still fine DX performers if you can find them. Two old FM-AM tube table model radios are at this estate—both listed in my radios and electronics catalogs and for sale—a 1949 or 1950 Zenith and a 1946 or 1947 Westinghouse.

WKNB-FM has a fulltime program director for FM. Betcha it wasn't a country or rock station! Both WKNB-FM 103.7 and AM will have the Braves-Red Sox in 1948. Another ad proclaimed, "Ban Lifted on FM, favorite network programs now available on this better radio system. Now enjoy the best of FM with a Stromberg-Carlson—there is nothing finer!" Consoles were $325-$495 and a table model $83.95 ivory; $79.95 brown. Admiral was also touting FM; about a year later they ceased offering FM in consoles which included TV-AM. WTIC-FM

WTIC-FM
96.5 and 45.3 m.c

96.5 and 45.3 mc. advertised its NBC programs.

A special issue devoted to frequency modulation was Radio-Craft magazine, 1948. It quoted a 1928 "Proceedings of the Institute of Radio Engineers," which stated a consensus that "static, like the poor, will always be with us." Armstrong persisted and, as well all know, developed the FM system of broadcasting

Armstrong revists the Yonkers room, scene of his early work

which did away with the static problem. The 1948 magazine said: "The problem of static, both natural and man-made, has ceased to be a problem. FM reduces [part of page missing] to 1/100th of its energy on an AM signal on the same frequency, and since the system operates in the very [missing page area] frequency ranges, still further immunity from atomospheric static is obtained."

In another part of that magazine, it was mentioned that "reliable FM ranges may extend far beyond the horizon, K. A. Norton of the Bureau of Standards reported. Experimental research undertaken by the Bureau has shown that atmospheric 'ducts' and boundary layers in the lower troposphere both reduce the attenuation of high-frequency radio waves with distance at points beyond the line of sight. These results are expected to provide a firmer basis for the prediction of the service ranges of FM broadcasting stations; they should also aid in the solution of problems that may occur in connection with other users of the spectrum above 30 megacycles. . . This general behavior [of signals] has been observed for the fields of FM broadcast station WCOD [98.1] Richmond VA, as received at the National Bureau of Standards in Washington DC. On Aug. 4, 1947, for example, the station began broadcasting about 6:25 in the morning. Throughout the day the fields gradually increased until a little after midnight. At this time the received field incresed markedly, and the fading, which had occurred at a fairly rapid rate during the day, decreased both in amplitude and frequency of occurrence. The calculated field intensity corresponding to propagation in a vacuum over a flat earth was exceeded for the half hour just prior to 1 a.m., when the station went off the air. Presumably this favorable propagation condition lasted throughout the night since the fields were again very strong on the following morning when the station began broadcasting at 6:25 a.m. The mechanism responsible for the strength of these fields and for the comparative absence of fading is considered to be atmospheric refraction.

"From analysis of the field-intensity data obtained by the Bureau, it appears that external receiving antennas may be used with considerable advantage for reception of FM broadcasts at points far beyond the horizon of the transmitting antenna. The FM fields from stations at large distances may be expected to reach their maximum levels in the early morning hours during the summer months; at these times effective ranges up to several hundred miles may be expected."

Facsimilie newspapers will soon be broadcast in rural areas if a plan suggested by William G. Finch of Finch Telecommunications, Inc., is approved by the FCC. Mr. Finch is now negotiating for the construction of six FM stations in northern New York, with the idea of using them in a facsimilie network as well as for FM broadcasts. "These facsimilie papers would furnish farmers with a permanent record of livestock prices, weather reports and farming tips, as well as news flashes and pictures. Such a service would also provide a big market for rural advertising." (The only station I can remember being owned, or named for, Mr. Finch was WGHF 95.1 Brookfield CT (now WRKI).]

Copy of a letter I, along with fellow Duluthian Richard Gottschald, sent to Edwin H. Armstrong, July 17, 1951: "It was indeed a pleasure receiving such a fine complimentary letter from the father of FM in regard to our defense of FM in Broadcasting-Telecasting. It must be very encouraging to you, as it was to us, to note the heartening response in rebuttal to the editorial slurring FM, without a doubt, the finest medium of sound broadcasting. We ae inclosing a carbon copy of the letter we sent to the editor of Broadcasting. If they had enough courage (or space) to print our letter in its entirety, it problably would have gained the attention of the FCC, who then might realize that the public wants, needs and demands FM. But said publication is so prejudiced in favor of promoting TV and AM at any cost, they think nothing of the more than 7,000,000 faithful FM listeners whom they would deprive with their idiotic plan to reduce the static-free FM band. I suppose we have become too outspoken in our criticisms of those who oppose FM, but we share the opinion of fighting for what we believe in. We certainly appreciate and thank you for taking the time and trouble of sending the photostat of the FM discussion, and we look forward to receiving it very much. If there is any way we can be of service to you, Mr. Armstrong, we will be only too glad to respond. Again, many thanks. Respectfully yours." I am still trying to find Armstrong's answer to that letter; it was a long, friendly letter written on the stationery of River House and mentioned how people in rural areas would miss the service from a variety of cities that metropolitan listeners would likely continue getting, if the FM band were reduced in size.

FM Rulemakings Proposed

First date is deadline for filing comments at the FCC; second date is for replies. Stations affected, if any, are listed.

AZ Bagdad 103.9A, May 8, 26
AR Huntsville 99.5A for 92.9A, KFAY-FM with Seligman MO [June 1
CA Quincy 100.3C3 for A, KSPY, May 15,/
KY Bowling Green 93.3A for 98.3A, WDNS, "show cause/why not?"
MN Cloquet 96.5C3 for A, WKLK-FM, May 4, 19
MS Hattiesburg 101.7C3, May 4, 19
MO Greenfield 107.7A for 93.5A, KXBR, with Seligman [for C2, KESE, May 8, 26
MO Seligman 93.3C1/ [counterproposal
NY Waverly 102.1A for 102.3A, WAVR/
ND Fargo *97.9C for C1, KFNW-FM, May 4, 19
OH North Madison 93.7A, May 15, June 1
OK Edmond 97.9A for 97.7A, KTNT, May 11, 26 [C1, WTCB, Apr. 20, May 5
SC Columbia (from Orangeburg) WTCB 106.7-/
TN East Ridge 107.9C3 for A, WJRX, Apr. 20, May 5 [May 18, June 2
TX Bay City 101.7C1 for 96.1C2, KXGJ,/
TX Bryan KBMA 99.5A monophonic—show cause why its license should not be changed to 92.1A
TX Edna 96.1A for 101.7A, with Bay City
VA Roanoke 104.9C3 for 105.3A, WRXT, Apr. 27, May 12 [Apr. 27, May 12
WV Blacksburg 105.3C3 for 104.9A, WVVV,/
WV Lewisburg 102.9A for 105.5A, WKCJ with Blacksburg

FM Rulemakings Finalized

Dates are when FCC filing windows are open

AL Hartselle 106.1C3 for A, WYAM
AZ Lake Havasu City 92.7C2 May 11-June 10
AZ Parker 99.3C2 for A, KMDX
CA Felton 93.7A, Apr. 21-May 21
CA Fort Bragg 98.5B1 for A, KSAY (moving from 97.7A)
CA Independence 92.5B for 106.3A, KDAY
CA Patterson 97.1A, Apr. 14-May 14
CO Fountain 96.1C3 for A, KBIQ
FL Dade City 96.1A, Apr. 21-May 21
FL Graceville 101.7A for 102.1A, WYDA
FL Naples 103.1C3 for A, WSGL
FL Okeechobee 103.1C2 for A, WOKC-FM
FL Santa Rosa Beach 102.1C3 for 102.3A, WWAV
FL Springfield 101.3A for 101.9A, WYOO
FL Winter Park 103.1C3 for A, WLOQ
GA Hinesville 104.7C3 for A, WHVL
GA Leesburg 103.5C3 for 103.7A, WEGC
GA Undadilla 99.9A for 103.5A
IL Augusta *98.5A for 101.1A, WAHI
IL Taylorville 92.7B1 for A, WTJY
IL Virginia 101.3A, May 11-June 10
IA Bloomfield 106.3C3 for A, KXOF
IA Chariton 105.3C2 for 105.5A, KELR
LA Dubach 96.5C3 for 97.7A, KPCH
MN Detroit Lakes 102.3C2, Apr. 14-May 14
MN Walker 99.1C1 for C2, KLLZ. Denied an upgrade on 99.3C2 for A by KKDQ Thief River Falls.
NC Topsail Beach 103.9C3 for A, WZXS
ND Kindred (Fargo) from Oakes 92.7C3 for 92.5C1, KDDR-FM
OK Antlers 104.7A for 104.1A
OK Wilburton 103.7C1 for A, KZUD
SC Liberty Hill denied J. Sigmon's 98.3A bid
TX Goliad 95.9A, Apr. 21-May 21
TX Kerrville 92.3C2 for 92.1A, KITE
TX Mineral Wells 95.9C1 for A, KYXS
TX Winters 96.1A for 95.9A
VA Clarksville 98.3C3 for A, WLCQ
WA Castle Rock 107.1C3, Apr. 27-May 27
WA Ilwaco 103.9C3, Apr. 21-May 21
WI Altoona 98.1C3 for A, WISM-FM

FCC Relaxes Radio Ownership Rules

Acting with real rapidity, and with virtually no public notice—unlike when it does an FM station rulemaking--the FCC showed it could make drastic changes in the ownership makeup of FM (and AM) radio. The recent action is similar to what was reported last month: One owner could have up to three AM and three FMs in markets having over 40 stations, provided the total does not initially exceed 25 percent of the audience. In smaller markets the breakdown goes as follows:

- 30-39 stations: 3 AM, 2 FM, not to exceed 25 percent of the audience share.
- 15-29 stations: 2 AM, 2 FM, not exceeding 25 percent of the audience share.
- In markets with fewer than 15 stations, one owner could have up to three stations (two FM), if they do not constitute half or more of all local stations. FM-AM combinations will be permitted in any event.

The national ownership limit goes to 30 AM and 30 FM stations (up from the present 12 of each). The FCC imposed further restrictions on LMAs, saying stations doing time brokerages "will be considered to have an attributable ownership interest" in the brokered station and will have to be counted for multiple ownership purposes. Giving the listeners--and DXers--a slight break is a rule forbidding same service (AM-AM, FM-FM) simulcasting of more than 25 percent of either station's programming if there is 50 percent or more overlap of the stations' service areas.

73ily, Bruce Elbing

Television News

Doug Smith, Editor
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ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT=Height Above Average Terrain, in meters
AAT= Above Average Terrain
AG= Above Ground
ASL= Above Sea Level
nc= No change
TL= Transmitter Location
CP= Construction permit
MP= Modification permit (modification of construction permit)
*= Non-commercial

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
SC	63	1100	343	WQHB	Sumter
	(TL: 34°06'10"N, 80°46'18"W, 8km SE of Blaney)				
WA	45	78.5	304	KHCV	Seattle
	(TL: 47°36'17"N, 122°19'46"W, Columbia Seafirst Center)				

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
FL	17	2825	309	WLRN-TV	Miami
	(TL: 25°57'29.5"N, 80°12'44.1"W, 695 NW 199th St.)				
FL	4			WTVJ	Miami
	(TL change only: 25°58'07"N, 80°13'20"W, Fla. Turnpike & SW 41st St.)				
MD	28	2179	157	WCPB	Salisbury
	(TL: 38°23'09"N, 75°35'32.5"W, 310 Deers Head Blvd.)				
OR	8	192	818	KSYS	Medford
	(TL: 42°41'32"N, 123°13'45"W, King Mtn.)				
WV	33	2371	379	WPBY-TV	Huntington
	(TL: 38°29'41"N, 82°12'03"W, 8km N of Milton)				

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
CA	62	3746	723	KRCA	Riverside
	(TL: 34°11'16"N, 117°41'55"W, Sunset Ridge- KSCI/KAGL/KDOC site)				

CHANGES GRANTED TO EXISTING STATIONS (Cont'd.)

St	Ch	ERP	HAAT	Call	City
WA	22	230	395	KSKN	Spokane
	(TL: 47°36'04"N, 117°17'53"W, 6km N of KREM-2 tower)				

CALL LETTER CHANGES FOR EXISTING STATIONS

St	Ch	Old	New	City
CA	64	KVVT	KHIZ	Barstow
NE	15	KPQC	KGMC-TV	Omaha

CALLS GRANTED TO NEW STATIONS

St	Call	City
AK	KZXC	Anchorage
OR	KMTX-TV	Roseburg

NEW STATION ON THE AIR:

Davenport, IA: KQCT 36+:
6.09kW, 65m AAT/47m AG/303m ASL.
TL 41°31'58"N, 90°34'40"W
317 W. 17th St., Davenport
Signon 12/16/91.
PBS; satellite of WQPT-TV 24 Moline, IL.

OTHER STUFF

It's my fault (probably due to an excessively small logo!) but at least 4 letters have arrived recently with my Compuserve ID as the ZIP code. Unfortunately, the USPS computers send those letters to Fayetteville, Arkansas! Luckily, humans intervene in Fayetteville & reroute them correctly.. My correct ZIP code is 37209-4503.

Regarding KQCT above, as others have noted, the need for this station seems rather questionable, as its TL seems to be less than 15km from WQPT! Maybe they eventually plan separate programming?

The Commission has decided to rethink how licensees are chosen in competitive hearings. They are considering removing preferences for applicants who propose to manage their own station, while adding preferences for those who successfully petition for allocation of a new channel, or who promise not to sell the new station for 3 years.

Also under consideration are changes to allow broadcasters who borrow money to use their FCC licenses as partial collateral for their loans.

The cable TV reregulation bill, which passed the Senate some weeks ago, has reached the House. The

House version is similar to S.12, but eliminates the automatic annual rate hike provided in the existing cable law.

Noted John Ebeling's comments in Western TV for April regarding 60Hz TVs in 50Hz countries. TV sets don't actually use the power line frequency for vertical sync; the choice of 60Hz for vertical sweep in 60Hz power countries, and 50Hz in 50Hz countries, was to ensure that any hum that got into the video would remain stationary & not move through the picture. (also, some early cameras & other studio equipment would sync to the power line)

I've read Pat Dyer's sporadic-E article in March *QST*. Everyone should!

FORUM

Wendell Ford, Westville IN:

Wendell has more details on the northwest Indiana LPTVs reported by Roger Windsor's phone call last month.

"...W04CQ in Chesterton, Indiana, with transmitter and tower in Burns Harbor. They use the All News Channel service - the same one seen on Showtime". 650 watts ERP, antenna 297' AAT. "Gets clobbered by WTMJ at times - but for the most part has a good signal here about 12 miles from transmitter".

He also has more info on DTN, "Dunes Television Network". (apparently I misunderstood Roger's phone call, W04CQ is not part of this network) Stations include:

W18AT	Gary, IN
W13BQ	Portage, IN
W24AW	Valparaiso, IN
W54BK	Chesterton, IN

W13BQ is 10 watts transmitter output; the other stations are 1000 watts; W24AW will be directional, protecting W24AI Michigan City, which is only 23 miles from Valparaiso. W18AT is already on the air; the others are apparently under construction. (but see the next two letters) W24AW will be 7000 watts ERP , and W54BK 16000 watts ERP; ERPs for the others are unknown. W24AI is spending $500/month to rent tower space from the station Wendell works for. (WLJE-105.5?)

Also included with his letter is a clipping from the March 6 Gary, Ind. *Post-Tribune* about W04CQ. The article mentions W04CQ's attempts to provide local news coverage in Porter County- and mentions that, while videotaping the proceedings of the County Commissioners' meeting, "county engineer David W. Schelling took time out from his presentation to deny he was using pancake makeup for the momentous occasion."

Reception reports for the DTN stations can be sent to:

Tom Tittle c/o
Dunes Electronic Service
60 Stagecoach Road
Ogden Dunes, IN 46368
(219) 762-1541

And for W04CQ to:
Wayne Chubb
558 Indian Boundary Road
Chesterton, IN 46304
(219) 929-4400

Roger Windsor, Valparaiso IN:

Roger also wrote in confirming his phone call, and the information in Wendell's letter. He also mentions that W13BQ has been on for about 2 years.

Bill Draeb, Kewaunee WI:

Bill has also noticed the Dunes Television Network-- looks like this one is going to be a pest for Lake Michigan area DXers! He sketched the two ID slides he saw on W54BK, I'll try to reproduce his sketches below. Yet another interference source in these LPTVs' home area-- WTLJ-54 Muskegeon, Mich.-- is mentioned.

Bill called the phone number on the second slide & spoke with the manager, who confirmed that W24AW and the TBN in Michigan City interfere with each other.

DUNES TELEVISION

W18AT GARY
W54BK CHESTERTON
W24AW VALPARAISO
W13BQ PORTAGE

NETWORK

RECEPTION REPORTS

219-756-5111

WEEKDAYS

Bill Fahber, Bridgeton NJ:

Probably most important to DXers, Bill confirms that a second edition of the NATVDB is almost certain to

appear later this year! (I, for one, am awfully glad to read that!)

Besides his research on full-power changes, Bill sends along a clipping from the Jan. 8 *Welcomat* (which looks like a rather interesting publication!) regarding WO7CB Philadelphia. Headline reads "Actually, Channel 7 isn't really the world's tiniest TV station." (maybe WO4CQ is?!)

"The cameras have "TV 7" painted on the side, with the "7" pasted over another number." A photograph of the studio shows the cameras bearing the "fake" callsign "WOCB"; Philadelphia-area DXers seeing this call can assume they have WO7CB, as the "real" WOCB is a FM station on Cape Cod...

Owner Ronald Caponigro, a former "American Bandstand" dancer, plans to charge local advertisers between $50 and $100 for a 30-second spot, and from $200 to $400 for a 30-minute slot, with national advertisers paying double.

"On the roof of 1818 Market, Channel 7 now operates three modest antennae pointing essentially southwest.... And then two smaller antennae point almost straight up north.. The station's little transmitter is squeezed into 1818 Market's boiler room just below the roof, and currently a 3/4" videotape player sits beside it."

WO7CB programming is to include music videos from 3PM-11AM, with interactive talk the rest of the day, with occasional spots for religious, dance-music, and ethnic programs.

John Marx, Madison WI:

John mentions seeing the ham TV weather radar, in color, quite often, on cable channel 59. He's also seeing ham activity on cable channel 58.

John, if you see any callsigns on this ham TV, let me know; I can look them up in the ham "Callbook" and provide addresses for verification-- I'm sure most of these folks would be interested to know that they're being seen as DX!

John also mentions that W54DB (Video Jukebox) is off the air, but a test pattern is now on channel 8 there. He thinks the licensees of the two are the same (my LPTV records don't show licensees- hey Fred, do you know?) so 54 might be moving to 8? If so, it'd be a mistake... seems to me their channel 54 operation had a much better signal than their original incarnation as WO5BD..

Dan Cashin, Havertown PA:

Sent along an article on TV DX from the British side of the "pond". Out of the *Shortwave Magazine* of Poole, England, apparently also available in the Philadelphia area, is an article by Tim Anderson on identifying TV sets satisfactory for DXing in Europe.

TV DX is a much more complicated hobby over there. First, not all countries use the same carrier frequencies. VHF isn't used at all in the U.K.; all stations are on UHF. Then, there's the question of color systems, with France and Eastern Europe (an important E-skip target from the U.K.) using the SECAM system, while Western and Southern Europe use PAL. And, of course, for those F2 and multiple-hop E-skip openings, NTSC is necessary for reception of U.S. and Canadian stations..

Here in the Americas, all TV stations use the same 4.5MHz offset between the picture and sound carriers-- this is not true in Europe. Sound and picture are generally separated by 5.5MHz in PAL countries, but by 6.5MHz in SECAM countries. So, if you pick the wrong set, you may get a perfect picture, but only noise for sound.

The article mentions four different common solutions to the European TV DX problem:

First, the "block converter". Similar to the block converters sold to convert cable-only channels to UHF here in the USA, these convert all VHF channels up to UHF channels covered by U.K. TVs.

Second, surplus VHF tuners apparently sold by surplus parts dealers in the U.K.. These directly feed the IF stages of one's TV, but don't solve the problem of incorrect picture-sound separation.

Third, a special tuner sold by "HS Publications", which converts VHF channels to IF, as well as including a sound demodulator which delivers audio for an external amplifier, and selectable bandwidth IF filters.

Fourth, full multistandard TV sets. Different models cover different combinations of the various standards, with some mentioned as not working with the French SECAM-L system (which is the only existing system to use positive modulation, where transmitter power

increases as the picture gets brighter-- all other systems, including the NTSC used in the USA, reduce transmitter power as the picture gets brighter.), and European sets mentioned as frequently not covering NTSC.

Another problem in Europe is multiple systems for stereo sound. "Many of the sets can resolve the European stereo/dual channel sound systems, but very few as yet will cope with the British NICAM stereo sound." Germany, and presumably other countries on the Continent, use a system which puts the left channel sound on an additional sound transmitter, and derives the right channel from that signal and the mono sound on the "main" sound transmitter. My understanding is that the NICAM system is a digital audio system. Neither is compatible with the BTSC stereo used in the USA, or the Japanese system. (which is similar to, but not compatible with, the USA BTSC system)

Finally, it's mentioned that "There are two NTSC sound carrier standards, one for terrestrial transmission and one for video recorders.". Weird, that's the first I've heard of that! Can any European readers explain this??

Randall Tripp, Dodge Center MN:

Sends two advertising flyers from "Teleview" of Appleton, Minn., advertising their "over the air Cable TV" service. For $14.95 a month, they provide six basic cable channels, on scrambled UHF LPTVs. An additional $9.95/month brings Showtime. Decoders are $150, or $4/month plus a $50 deposit.

Channels used are:

45 - The Family Channel
49 - WTBS
51 - USA
53 - Showtime
55 - CNN
57 - Lifetime
61 - TNN

Mention is also made of a 7th basic service, not yet selected. The UHF channel to be used isn't specified.

A second flyer states that they "broadcast at 100 watts from a translator located in Oakland, MN."; that "Residents within a 25 mile radius of the Oakland translator,..., can get our signal...", and that "The scrambled channels we offer are in addition to 3, 6, 10, 15, and 24 (the off-air channels already available in this area)".

Randall mentions that several channels have been being broadcast "in the clear" for demonstration purposes, with scrambling to have begun on April 1.

Dave Sinclair, Vancouver BC:

Dave sent a bulging envelope full of information.. In his letter;

"Has anybody compared fringe area UHF reception between corner reflectors and parabolic dish antennas? I would be interested in hearing from you." Dave's address is:

6565 Brooks Street
Vancouver, BC V5S 3J6
Canada

I personally haven't seen such a comparison, but my intuition tells me a parabolic dish would have higher gain and a narrower directional pattern than a corner reflector of the same height.

"TBN also wants to develop about 17 stations in Canada; I heard TBN President Paul Crouch say this some months ago." To the best of my knowledge, two AM stations in Newfoundland, which predated that province's entry into Canada, are the only religious broadcasters in Canada right now-- can any Canadian readers tell me if there's some kind of legal restriction on 100% religious stations?

Dave passes along a copy of TBN's monthly newsletter, in which they mention the growth of their network-- 32 new LPTVs in the USA (presumably that's just their TBN-owned stations?), 6 new full-power stations (owned or affiliated), and stations in 8 foreign countries. They claim 281 existing stations & applications or CPs for a total of 441-- making TBN without a doubt the largest TV organization in the world! (DXers, are you surprised?)

One of the new TBN full-power stations mentioned is KCWT-27 Wenatchee, Wash.. Dave comments "...it occurs to me that this station KCWT might not have attempted to form an alliance with Spokane independent KAYU." "If I recall, KAYU has an interest in two low power stations in Yakima and Tri Cities (Richland/Pasco/Kennewick), Wash. It is interesting that KCPQ, Tacoma, has a rebroad in Wenatchee on Channel 14-- so much for competition in another's territory." KAYU and KCPQ are both Fox affiliates. Yes, it seems to me it would have made sense for KCWT & KAYU to have "networked" too, but strange things happen in TV..

Enclosed with Dave's letter were three clippings from the Globe and Mail. (is this now a national paper in Canada?)

From the March 20 issue, "CTV Television Network Ltd. expects to respond today or early next week to a new affiliation deal proposed by its biggest player, Baton Broadcasting Inc.".

Right now, CTV is owned jointly by the 8 firms which own CTV-affiliated TV stations. A change had been proposed under which two of the 8 firms would become affiliates (rather than owners), selling their airtime to the CTV network.

There are two sticky points in the deal; the price of Baton's airtime (Baton has reportedly asked for $16 million a year, while CTV has reportedly offered only $4 million), and the airing of Toronto Blue Jays baseball games on the network.

Baton is paying the Jays $60 million for the broadcast TV rights for 5 years; they've resold 20 games to the CBC, and had planned to resell another 35 games to CTV. However, CTV affiliates in Western Canada have little interest in the Blue Jays.

In another article, March 14, proposed changes to the charges for the CBC Newsworld cable channel were debated before the CRTC. CBC wants a rate increase from $0.32 per subscriber per month to $0.59, with additional increases to $0.72 by 1998.

The Canadian Cable TV Association opposes the fee increase, and wants permission to sell Newsworld on the higher-cost "extended basic" tier. Currently, cable systems that choose to carry Newsworld must deliver it to all basic cable subscribers.

Finally, in a March 7 article, Shaw Cablesystems of Edmonton has made a deal to purchase Cablecasting Ltd. of Toronto for $308 million. It's the largest cable TV deal in Canadian history.

More Canadian (and other non-US) news is always appreciated!

Bill Nienajadly, Clifton NJ:

"Enjoy TV DXing now, before your empty UHF channels will be filled with local simulcasts with HDTV on it."

On April 9, the FCC approved a plan that "gives existing TV stations a second channel, on a temporary basis, to use in broadcasting HDTV..."

After a phase-in period, stations would lose their existing channels and would move all broadcasts HDTV on their new channels. According to Commissioner Duggan, a transmission standard is expected to be adopted in late 1993 or early 1994. The article says that the plan "...by 1998 would bring U.S. homes a new generation of television...". The length of the phase-in period isn't given. Hopefully, more details next month.

Y'know, I've been reading this proposal for months & never really realized the potential threat to DX-- as Bill says, "A TV market with 10 stations now, will soon be a market with 20 stations! I haven't seen the full text yet, but I think the second channels will indeed be mostly or totally UHF.

On the other hand, with the extreme pressure on the VHF/UHF spectrum, I think it would be very difficult for HDTV to find a home elsewhere, and alternative "on-channel" schemes have been poor compromises. And if HDTV were to catch on- and leave over-the-air stations behind- we might find ourselves with no local (or DX!) stations before too long!

Tom Bryant, Nashville TN:

Tom would like me to remind you that he has 6 DX-related videos he's willing to copy for DXers:

1990 WTFDA Convention, 30 minutes
1991 WTFDA Convention, 45 minutes
Informal tour of WWVH, 30 minutes
Historic CFMT signon, 20 minutes
"40 Years on 4", 90 minutes
(WSMV/WSM-TV 40th anniversary special)
DX Feature, 5 minutes
(WSMV feature story on TV DX, starring Tom)

2 hours fit on a VHS tape, 3 on a Beta. Tom needs $6 per tape to cover the cost of tape & postage; his address is:

849 Todd Preis Drive
Nashville, TN 37221

It's time for sporadic-E; good DXing!

73 Doug

SATELLITE NEWS

George W. Jensen
4604 Anntana Avenue
Baltimore, MD 21206-4220

Time again for another look at the ever changing world of satellite television. While this column may be short, look for the ones to come to be lengthy owing to the successful launch and eventual placement of Galaxy 5 and the movements this will cause.'

Currently Galaxy 5 is located at 135 W for testing. By early May it will locate at 125 W the current placement for Telstar 303. From late April till early May Telstar 303 will inch to a new location at 123 West. Westar 5 will be turned off prior to this move and all services on it will move to other satellites.

By June a number of services currently on Galaxy 1 will relocate to Galaxy 5.
TVN Pay-Per-View and Fox Network will remain with Telstar 303 at its new location.

Now for the current changes...
Midwest Sports Channel from W5 to ASC XPDR 22.
ASC is located at 128 W and has been there quite a while. It has not been generally used for video purposes. It has C and K transponders. The Ku side has become quite active lately with many sports and news feeds.

EuGene Scott's University Network has moved from W5 to Spacenet 2 XPDR 2.

Other services on Westar 5 will move where they feel like.

Now for other changes..
Family Channel West n oted on C1 XPDR 12 // to F1R 14.

JISO - the Japanese news service on F2 - 21 not there at this time.

SUR - Panamericana television - lime Peru which has previously noted on PanAmSat XPDR 22 is now // on Spacenet 2 XPDR 21

Las Vegas Television noted on Spacenet 3 XPDR 22

Sat Market USA also on Spacenet 3 - XPDR 24

MultiDeporte on M2 now on XPDR 16 from 11 with greatly improved signal here.

Shop-At-Home noted on Spacenet 1 XPDR's 2 and 4 - this bunch really jumps all over the place.

The unidentified flickers mentioned last month on Morelos XPDR 21 and 23 are on M2 - not M1. Can anyone closer to their footprint let me know who they are.

That's it for this month - see you in 30/
73's
George

...unIDentified TV

Matt Sittel
220 Brookfield Drive
Kingsport, TN 37663
(615) 239-9186

MAY 1992

I am happy to say that there appears to be interest in the CCI column! I've received a few unIDs from you. Great! Now let's help out by ID'ing them!

The address above is effective May 1. I will spend at least part of the summer there. I am moving to Tallahassee,FL either in late June or mid-August to begin work at FSU on my master's degree in meteorology. I'll hopefully know my new address there before too long.

Jeff Kadet, PO Box 20, Macomb, IL 61455

1992:

Sun Jan 5 tr ch 19 0350 CST to 0405 -- 0350: Some kind of call-in talk show with a man and woman sitting next to each other. A GUESS (and only a guess) is that it was somekind of Christian call-in phone show. 0359: Ad for Delta Financing. 0400: Ad for Herr's Grocery. 0401: ID slide (?). Photo taken and enclosed. I can't make out a thing on it except that there are three white lines with words in them. Any guesses?...The heading was towards Huntsville (AL) (but 19 in Huntsville was off the air). No sound heard during entire time station was in. I originally thought this was a phantom translator from one on ch.18 which was broadcasting its higher adjacent channel one channel up. But phantom video can NEVER be in color and this turned to color as it got stronger.
(Ed. Note: From the photo I can read the last two lines of the three Jeff referred to. Thay read "Inspirational Network".The first line is a word beginning with M,and is either 9 or 10 letters. Tom Bryant and I think it could be Madisonville,KY. It isn't WKPT in TN, for one. Perhaps Ed Phelps can help you on this one.)

Mike Reid, 1408-65 Spring Garden Ave., North York, ON M2N 6H9 Canada

1991:

Tue Dec 10 tr ch 30+ 0007 EST -- Ads, game show. Not WGTE,WVIT,KDNL. (Mike, I looked at WXMT Nashville, a 30+, as a possibility. According to my TV Guides, in early November they ran "$100,000 Pyramid at 0030 EST. In late December it was on at 2330. I wonder if somewhere in between it was on at 0000? Tom or Doug,do you know? -mcs)

John Combs, PO Box 7581, Tallahassee, FL 32314

1992:

Mon Mar 2 tr ch 29 0247 EST -- TBN, Ø to W29AB Ocala,FL, no hourly ID's, so an LPTV. Between my observations and those of Carlon Howington, Jeff Kruszka, and Ron LeBlanc, I am pretty certain it is in the Biloxi-Gulfport area, but it's not in any of my lists. PTA: MS.

Mon Mar 2 tr ch 19 0302 EST -- "The Monitor Channel" satellite network, no hourly ID's. Occasional satellite break-up noted. Definitely not the Baton Rouge LPTV per Kruszka. PTA: AL,MS,LA. (John, The Advocate (Baton Rouge,LA) lists a ch.19 with the other local stations there running "Monitor News" at various times during the day along with other syndicated fare like cartoons, 700 Club, etc. Now the TV listings are only from 6AM-midnight CST, so I can't say for sure if they run "Monitor News" at 0200 CST, but it seems like it would almost have to be them, since anything else closer to you would interfere with WMAH, Biloxi.-ed)

Eric Fader, 64 Wild Birch Farms, Peekskill, NY 10566

1991:

Mon Jul 1 Es 102.3 2005 EDT -- "at this time Hot 102,WFMS...". Sounded like an AM sign-off! Any ideas? PTA: SE.

Mon Jul 1 Es 102.9 2022 EDT -- Soul mx, YL DJ, mentioned "Feature Album Friday." I called stations in LA,MS,TN,GA,AR,AL with no luck.

Fri Jul 19 Es 92.9 1942 EDT -- "Jaymart Jewelers, the southeast's fastest growing... South Davis Highway..." PTA: SE. WMFQ-FL? (I believe Chris Dunne is quite familiar with the Ocala area, so check with him. I see no Davis Highway in Atlanta(WZGC),

or a main road of that name on the small city maps(like in road atlases or state highway maps) in Tuscaloosa (WTUG), Mobile(WBLX). I have no map of Ocala, though, so I can't check that. Sorry! -mcs)

Tue Aug 13 Es 92.9 0038 EDT -- 1-2 second burst. DJ said "woof woof" in a deep voice, like promos frequently use. Does anyone say "woof woof" as part of a promo or liner?

Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663 Kingsport, TN unIDs

1991:

Sun Dec 22 tr ch 9 0130 EST -- "Lifestyles of the Rich and Famous". "On Scene", an emergency response show similar to "Rescue 911" was on just before it. I highly suspect WCPO. PTA: OH,IN.

Sun Dec 22 tr ch 12 0130 EST -- "Arsenio". PTA: OH,IN. Highly suspect WKRC,Cincinnati. It would be a new logging if someone can confirm it!

Mon Dec 23 Es ch 2 1730 EST -- "Ninja Turtles". PTA: Mexico.

1992:

Fri Jan 3 MS 92.9 ???? EST -- "...93 is KVOF...". I may have misheard calls.

Fri Jan 3 MS 102.7 ???? EST -- "...KA..." in calls.

Sat Jan 4 MS 102.7 ???? EST -- "Chairman Furniture, 1713 White Road...".

ID's, from 12/91 column and others...

Jim Renfrew (p.39 11/91 VUD, ETVDX, 9/7)

unID 60:"My best guess on this one based on the lack of trops and his proximity to the Rochseter antenna farm is W59BV picking up a ch.50 station (WWTI,Watertown,NY?) and putting it out on ch.60. W59BV repeats WNYB-49."-Mike Reid.

Robert Ross (one of John Combs' last CCI columns)

CBLN on ch.30: "Suspect CITY2-31,Woodstock,repeating CBLN1-56 on ch.30. CITY2 repeats 57 Toronto and aiming at Toronto means aiming at the Paris tower CBLN1 is on. Just a thought." -Mike Reid.

Doug Allen (12/91 CCI)

"93 Rock" on 93.7: "Almost certainly KRXQ, Roseville,CA. Sears Point is near Novato,CA, about 1½ hours from Sacramento but the only major auto track around there."-Mark Strickert.

Greg Coniglio (12/91 CCI)

104.9 "Northwest Expressway":"Oklahoma City has a Northwest Expressway",and there's a 104.9 in suburban Bethany, but doesn't KLTE-101.9 still use "Lite" slogan in that area?"-Mark Strickert.

88.5 rap station: "If indeed skip, rather than a "pirate", of WI/IL/MI stations (and IN, too) only WHPK and maybe WHPH were likely to be both on and rapping that late on a Tuesday. Either way good catch!"-Mark Strickert.

Matt Sittel (12/91 CCI)

95.3 "KJ-95":"KAGE-FM,Winona,MN? They are "KG" (close) and more or less AC."-Mark Strickert.

ch. 3"Santa Barbara" starting at 1530:"KFDX-3 checks in North TX TVG."-Matt Sittel(me!)

Thanks to everybody for helping out in ID'ing our unID's!!!

On a related note, here's some information on "ECO" courtesy of Tom Bryant...

"On a recent trip to Mexico I ran into a non-broadcaster who spoke excellent English and was able to convey some data on the "ECO" service.

ECO was established a couple of years ago as a division of Galavision, and closely connected with XEWT in Mexico City. Virtually all XEWT satellites, repeaters and affiliates carry the service at least some time during a 24 hour period, and in many locations it is run continuously after XEWT concludes regular programming. My best guess is that is is a 24 hour operation and is carried as a separate service "round the clock" on at least some Mexican cable systems.

The name "ECO" is the Spanish word for echo...and thus connotes an "echo" of the happenings of the day.

The gentleman who gave me the information also noted that although the ECO programming is generally seen on Galavision and/or XEWT and its spinoffs, it is also apparently used by other stations, although not as extensively.

In essence it is the Mexican equivalent of CNN Headline News, and clips from the service are sometimes seen in the US on CNN (through an exchange agreement),as well as on many Mexican stations during locally originated newscasts. Although I don't have an opportunity to see any SIN or Univision stations, I strongly suspect that it is also a primary news source for either or both of them.

I realize that this description is rather general in nature, but considering the source, it's not too bad...certainly better than what most of us have been able to learn up to now."

Thanks, Tom, for that very interesting information. Also, thankyou to Greg Coniglio and Bill Nienajadly for mentioning my column in their columns. Also, thanks to Bill Nienajadly for "donating" a TV Guide from his area. I have quite a few from the southeast and south central U.S.,but I need most those editions like Nebraska,full of skip stations. Can you help? I can trade a TV Guide for yours, or if you want to "donate" a TVG, please do. Also, an alternative is to send along listings/TV magazines from your local newspaper. Or send both along! Send those skip unIDs from this season, and let's all help to ID them! 73's,Matt.

:SOUTHERN·FM DX:

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

MAY 1992 DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV.

GULF TR MAKES ITS MARCH RETURN FROM UP TO 1000 MILES!

John Stempick, 1438 Colchester Cir., Port St. Lucie, FL 34952

Yamaha TX-930 tuner modified 2 150 filters(Thx Steve Solomon), car stereo--Pioneer Supertuner III modified 1 150 filter, 1 110.

3/8 tr

0800 WZRH 106.1 MS Picayune, Z106.1
0801 KQXL 106.5 LA New Roads,(Baton Rouge!) Q106
0805 WZHT 105.7 AL Montgomery, Hot 105.7
0807 WLTS 105.3 LA New Orleans, Light 105
0808 WXDZ 103.5 FL Panama City, Rock 103
0810 WJJN 101.3 AL Dothan, Joy 101.3
0811 WOYS 100.9 FL Appalachicola, Oyster Radio
0812 WYOC 104.9 FL High Springs
0815 WOOF 99.7 AL Dothan, WOOF-FM
0824 WFSY 98.5 FL Panama City, Sunny 98.5
0835 WLCL 97.7 FL Gainesvile, Clear 97
0841 WQHL 98.1 FL Live Oak, Stereo 98
0900 WEZB 97.1 LA New Orleans, B97
0919 WAKH 105.7 MS McComb, K106
0930 WUMX 103.1 FL Tallahassee, Mix 103.1

3/16 tr

2100 WUFT 89.1 FL Gainesvile
2100 WAYJ 88.7 FL Ft. Meyers, Way FM

3/31 tr

2115 WZHT 105.7 AL Montgomery, Hot 105.7
2120 WSTH 106.1 AL Alexander City,South106
2157 WAPW 99.7 GA Atlanta, Power 99

3/19 tr

2020 WYZB 105.5 FL Mary Ester, Cool 105
2030 WYKS 105.5 FL Gainesville, Kiss 105
2032 WGLF 104.1 FL Tallahasee, Gulf 104
2035 WSTI 105.3 GA Valdosta, Star 105
2042 WWSF 98.1 GA Andulusia, 98 Surf FM
2045 WKSM 99.5 FL Fort Walton Beach, 99.5 Kiss FM
2050 WABB 97.5 AL Mobile, 97 FM
2123 WEAG 106.3 FL Starke, Love 106.3
2134 WHFX 103.3 GA Waycross, Fox 103
2150 WTGC 100.9 FL Gainesville, GC-101
2300 WFFM 105.7 GA Ashburn, FM 105
2317 WRUF 103.7 FL Gainesville,Rock 104 (under local WQOL

3/28 tr

0012 WEZB 97.1 LA New Orleans, B97
0015 WLTS 105.3 LA New Orleans, Light 105
0020 KCIL 107.5 LA Houma, C-107
0025 KKHU 106.9 TX Conroe, U-106.9
0030 KIOC 106.1 TX Orange, K-106
0050 KMJQ 102.1 TX Houston
0100 KHCB 105.7 TX Houston, SS
0105 KQQK 106.5 TX Galveston,Hot 106.5, SS
0115 WCTQ 92.1 FL Venice,Interstate R.Net.
0145 KKMY 104.5 TX Orange, 104.5 KKMY

After a relatively quiet second half of February, March picked up very well. Hearing Houston,Texas on the 28th was great. I received U106.9 (The old KJOJ, Conroe). There was a girl jock on the air. Upon listening to the tape the next day she gave out a phone number for outside the Houston area. So I figured what the heck and called. The jock on the air couldn't believe the station had a listener approx. 975 miles away. He gave me some great information including KJOJ call letter change to KKHU and I received 102 JAMZ at 102.1(by the way 2 102 JAMZ in a row on the dial 101.9 IN Orlando and 102.1 in Houston). He also told me that Magic 102 (KMJQ) in Houston does a mix show on Saturday calling themselves 102 JAMZ (A solved mystery).

I'm looking to get my hands on a Probe 9. Right now I'm in a condo, and I can't display an antenna outside. I have a cheap Radio Shack antenna in my attic as well as rabbit ears facing south. I can just imagine what I may receive this summer with an outdoor antenna. I'll probably be moving soon. There will definitely be an outdoor antenna wherever I end up living next. I will continue to live in Port St. Lucie, though. (And folks Port St. Lucie is on the east FL coast rather than the west, so that serves to get more mileage out of the Gulf tr. DB)

Doug Smith (W9WI), 14 Brookside Court, Nashville, TN 37209-4503

3/28 tr

1930 KTMO 98.9 MO Kennett, call ID and Kennett ads 182
KGMO 100.7 MO Cape Girardear, Carbondale, IL, ads 172
(above two from car radio on I-40 under the WSM-FM tower
1945 WAYM 88.7 TN Columbia, new local "Way FM" with contemporary religious music. 41
1953 WSTR 94.1 GA Smyrna, Atlanta Constitution and RBM of Atlanta ads 215
2007 WHMA 100.5 AL Anniston, "Alabama 100" 182
2010 WKYA 101.9 KY Central City, KY vs. Duke basketball 81
WBLN 103.7 KY Murray, Basketball // 101.9 91
WTRZ 103.9 TN McMinnville, Manchester ads 66
(Nothing much---its's been a slow winter!)

cont....

I think WAYM has taken over translator W244AL-96.7 in Clarksville; heard snatches of a promo for them being on 96.7 in Clarksville tonight. This translator is listed in the Atlas as being for WZEZ 92.9. W265AE (WBVR 101.1=>100.9 Nashville) is not on. W257AR (WQZQ 102.5 => 99.3 Donelson) appears to now be off, after a stint on 99.5, and W271AB (WQZQ => 102.1 Nashville) is definitely on, and with substantial power. 102.1 is over 50db here at my place 6 km west of downtown, and it's still full quieting on the car radio throughout metro Nashville. WQZQ-FM 102.5 (and W271AB) are now running at least some local announcements, as "Cozy FM 102.5", and they have a few billboards in Nashville. Guess I need to take a road trip and track down the exact status of translators in Donelson, Clarksville, Lebanon, Murfreesboro, Sparta, and Springfield.

Christopher S. Dunne, 21541 NW 8 Ct., Box 81, Pembroke Pines, FL 33029-1085

Equipment Used: JVC RX302BK modified with 150kHz filters
Archer 6-element FM antenna at 20'

Time	Call	Freq.	St	Location, details	Miles
2/17 Tr					
2253	CMHW	93.5	CU	Santa Clara,//840	230
2355	unid	88.3	FL	FIRaTE, montage of Madonna mx & local FM stations. Maybe another new "Mix", hi (gw)	???
2/24 Tr					
2337	CMHW	93.5	CU	Santa Clara, MONO	230
2343	unid	88.7	CU	sounded like R. Enciclopedia, b	???
3/1 Tr					
0042	CMHW again				
0922$	WEZBt	97.1	LA	New Orleans, B-97-FM, "Future Hits" show	
0929	WYOC	104.9		High Springs, ID	300
0930$	WLCL	97.7		Micanopy, ID	280
3/7 Tr					
0000	CMH..	88.7	CU	R. Enciclopedia, confirming 2/24; location probably Santa Clara, because.....	
0020	CMHW	93.5	CU	Santa Clara, pseudo-$	230
....I won't report CMHW anymore.....					
3/15 SUPER-Tr					
2100	KKMY	104.5	TX	Orange, ID	820
2101	KXY	94.1	TX	Beaumont, "94-Q", mentions of Beaumont	840
2123$	KHCB	105.7	TX	Houston, ID, g	900
3/16 SUPER-Tr					
0015	KIOC	106.1	TX	Orange, "K-106", disco show	820
0125	KAJNt	102.9	LA	Crowley	
3/19 Tr					
2300	WNFB	94.3	FL	Lake City, ID	295
2322$	WLCL again				
3/20 Tr					
0110	WUSA	100.7	FL	Tampa, u/WHYI, //1250 AM	170
0125$	WWKA	92.3	FL	Orlando, O/WCNR	180
3/27 Tr					
0040	KTXF	100.3	TX	Brownsville, "K-Tex", nearby cities ment.	1000
0055	KXXt	98.5	TX	McAllen, SS, same sponsor as in '91, needed phasing	
2309	KKMY	104.5	TX	Orange, ID	820
3/28 Tr					
0000	WRBH	88.3	LA	New Orleans, ID	600
3/31 Tr					
2300	WAPW	99.7	GA	Atlanta - "When you complain to the FCC, our call letters are WAPW, Atlanta."	550
2317	WHTK	99.7	SC	Port Royal, ID	400
4/1 Super-Tr (no "foolin'")					
0053	WFOX	97.1	GA	Gainesville,calls	560
0100	WZHT	105.7	AL	Troy, full ID	480
"	WOOF	99.7	AL	Dothan, ID	430
1020	WWKA	92.3	FL	Orlando, O/WCNR*	180
1027	WHTQ	96.5	FL	Orlando, "Q-96-FM", u/WPOW*	180
1037	WOCL	105.9	FL	DeLand, u/WAXY	200
2315	Special Mention.....had rare Tr to the east. 104.5 Nassau heard in $ for the first time.				
4/2 Tr					
0040	WOMX	105.1	FL	Orlando, "Mix", u/WHQT	180
0100	WYGC	100.9	FL	Gainesville, ID, think I heard this one before but don't remember when; Gator Country	250

CU = Cuba
* = needed to use my Superadio II that Dr. Elving modified with SCA

Used rabbit ears to phase on many of above

As you see, this year so far has been a poor DX year.....N O T !!! What a blessing. If Tr is like this, I can't wait for those E's to boom in. For some reason, April 1 has traditionally been super for Tr. I "discovered" DX on FM that day in 1974 on my old G-E AM/FM/TV sound radio, and I think it was 4/1/83 I heard 93-Q in TX (92.9) on a whip antenna!

73s & good DX

Chris

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

For DXers in: MA,NH,VT,CT,MA,RI,NY,PA,NJ,OH,MI,IN,IL,WI,MN,IA,NE,SD,ND,MT,WY,ID, WA,OR,AK,Canada

MAY 1992 ⇨DEADLINE: The 5th ⇨LOG CUTOFF: 2 months from when mailed

E-skip season is here!!

JIM RENFREW - 61 WILCOX ST. - ROCHESTER, NEW YORK 14607 (716) 461-2717

WMAX 106.7 ("maximum music" and "Rock, without the hard edge" - what's this mean, soft but not too soft [yep, you could say that; they're mellow, but still in the album rock spectrum, maybe a "rpm" in the atlas, hi-gc). is now on the air. They first came on the air (without announcements) for transmitter tests on Thursday, March 5, when I tuned them in 1410-1427 playing jazz set to whale whistles. Station personnel later confirmed that this was their first time on the air that day. Saturday had more testing with the whales. At 1042 on Tuesday I made my last try for trops on 106.7 (WWKS and WWWW were popping in), but around 1pm it was WMAX with clock ticking, weird music mix and announcement of station start on Wednesday March 11 at noon. I called the station and found out the transmitter is on top of Seneca Tower, a senior citizen high-rise on St.Paul Blvd, with 3500 watts, so at least they're a respectable distance from me. They say that their offices are in downtown Rochester (412 State Street) and that they'll try later to include announcements of concern to Irondequoit, their suburb of liscence. General manager's name is Alan Bishop. WMAX easily destroys WPCX 106.9 (Auburn), so I'm sure they are not happy, not am I for losing one of the few open frequencies in there parts. I'm not looking forward to losing 93.3, 102.7, 105.9, and 107.3 either. WRQI 95.1 (Bristol) is a local call change, and WKGG 102.7 (Cape Vincent) has been heard IDing as WTOJ. (Yep, they relay WTOJ 103.1 Carthage, and both ID as "Lite Rock 103"-gc). Nothing else interesting to report.

BILL NIENAJADLY - PO BOX 2999 - CLIFTON, NEW JERSEY 07015-2999

Nothing much to report, no real DX though some minor trop to New England and out to Lancaster, PA. WZAD 97.3 in Wurtsboro NY is now oldies. WNSR 105.1 NYC is now WMXV. Today is the last day of March and still no real DX for the last couple of months (same here-gc). Picked up an FM-660 AM/FM tuner from DAMARK for $49.99! The stereo muting can be defeated as steps can be changed from 100 khz to 50 khz for FM and 9 khz for AM. Look for a special report on how to do this. Do check DAMARK for some really great deals, $50 for a digital tuner, not a bad deal at all! GooDXing!! Bill

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NEW YORK 14221

Equipment: Carver TX-11 tuner modified with 150 filters, simple capcaitor phaser used with RS 0-10-20 db amp and my Jerrold TV antenna (and sometimes rabbit ears), CAC11 and RG6 coax, Stereo Probe 9 main antenna, and Radio Shack rotor.

MARCH 1992 DX

1 TrS & GW

1528 (WBYN) 107.5 PA Boyertown, gk$, heard prev. as WBYO & WYCL 241

1535 (CKWF) 101.5 ON Peterburough, rp$, "101.5 the Wolf", ex: CFMP 93

13 GW

2100 WMAX 106.7 NY Irondequoit-Rochester adult contemporary/album rock mix similar to WRQI 95.1, "Max 106.7", "The Max", "rock without the hard edge" 57

14 Tr

2129 WETD 90.9 NY Alfred, Bad Company music, finally heard this one, weak!! 68

APRIL 1992 DX

5 TrS

2033 WGHG 106.3 PA Huntington, PSAs 176

The Toronto Sun, Friday March 13, 1992

☐ So we guess Y-95 — Hamilton's self-proclaimed "most powerful station in Ontario" — has never heard of FM96/London? Y95's signal is 100,000 watts, the London station's 179,000. Or did they just think that by endlessly repeating it, they'd get a mention here? Done. You can stop now.

Not much DX going on at all. I hope this year's skip season is a good one. Any day now! I am using Fred Nordquist's distance printouts now: very useful and convenient, I recommend them

STATION NEWS: WBZZ 95.3 Battle Creek, MI is now oldies, "B95". WXXQ 98.5 Freeport, IL has gone to country. WCRT Terre Haute is on, with religion. WSMK 99.1 Buchanan, MI is on with "The Touch" satellite urban/ac, but does do a lot of local stuff too. They have a poor signal, unlike when they first signed on. Both WFEN 88.3 and WQFL 100.9 are contemporary Christian in NW Illinois. Thanks Mark Strickert. A long list of stations in Texas are silent: KWZD 103.7, KLKK 101.9, KPSM 99.3, KBIL 92.9, KSTB 93.5, and KEZB 93.9. I think KZZB 95.1 is still off too. Alliance,Ohio is now WZKL, Cool 92.5, oldies, and 102.7 in Mount Clemens-Detroit has gone to Z-Rock, WDZR calls. Thanks Bruce Hall. WZKS 103.9 Louisville is now Country 103.9.

DAVE NIEMAN-12284 NICE ROAD-AKRON, NEW YORK 14001-9529

Equipment: Carver TX-11 tuner IF filter modified. Channel Master Stereo Probe 9 at 35 feet on crankup tower, Channel Master 3617B VHF at 23 feet into phase box. Alliance HD-73 rotor and RG-11 coax.
New loggings are underlined. New call {KKKK}. New propagation mode WWWW.

FEBRUARY 1992 DX
25 tropo
0902 WKGG 102.7 NY Cape Vincent/Kingston, ON, ID// WTOJ 103.1 + "Lite Rock-103", r$ 137
MARCH 1992 DX
5 tropo
0923 WIRQ 94.3 NY Rochester, call+"New Music -94", rp$, ex-90.9 & 93.3 49
12 troposcatter
1028 WJFK 106.7 VA Manassas, call, $ 297
1104 WUFM 100.1 PA Lebanon, call+ "Bright-100", r$ 212
13 troposcatter
1121 WCHX 105.5 PA Lewistown, call, o$ 172
14 troposcatter
0924 WSVS 104.7 VA Crewe, call, k$ 407
0947 WBNJ 105.5 NJ Cape May Court House, call, mr$ 331

MARCH 1992 DX
14 troposcatter
0958 WAPP 105.5 VA Berryville,"104.9 & 105.5" + call, "good time rock-n-roll", o$ 265
1740 WRDR 104.9 NJ Egg Harbor City, call, m$ 309
2000 WMAX 106.7 NY Irondequoit/Rochester, ID rm$, new to air 50
15 troposcatter
0858 (WJZE) 100.3 DC Washington, call+"Jazzy-100" ex-WFAN,WOOK & WDJY, j$ 292
1232 WALK 97.5 NY Patchogue, call+"your Long Island vacation station", rm$ 323
1244 WPST 97.5 NJ Trenton, call, r$ 273
16 troposcatter
1003 WRAR 105.5 VA Tappahannock, ID (female voice), $ 359
25 troposcatter
0822 WBSB 104.3 MD Baltimore, "variety-104.3", r$, 273

The new home made phase box I build in mid February is working good. It's alittle like the one shown on page number 38 of the March VUD, I just omitted the attenuator and added a capactor, resistor and coil to the input side of the box. Dave

---

dBRUCE HALL - 5 STIRTON AVE. - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS-S201 receiver (new mod w/3-110 filters ex 150s), Sleuth 205, Probe 9 fed with RG 6 at 50' AGL, crown rotor, kilometres used

FEBRUARY 1992 DX
27 MS-TrS
0733 KKPR 98.9 NE Kearney, o, Power 99, "KKPR Power 99", Paul Mauriat song. Confused for Philly at first, but tape had calls. Not a normal sounding MS burst? (I've heard of cases where MS bursts sound a little like trop scatter-gc), 36th State. 1587
0756 WBYR 98.9 OH Van Wert, op, The Bear after color radar, "The Cars, Classic Rock 98.9 The Bear", Atlas says o, ment. op? 442
29 TrS-MS-GW
0725 WINC 92.5 VA Winchester, r, Wink 92.5 ad for Winchester Western Steer, calls sung 470
0854 KORS 92.5 MN Golden Valley, rp, KQ-92 Olympic Hockey update, QSL received. Again this was strange sounding for MS 881
1725 {CKRZ} 100.3 ON Ohsweken, mixed bag format "$ Grand River Country", "We have a winner. Bruce Hall from Brantford. He was just down here touring the station and he says we are coming in loud and clear in stereo at 250 watts." 25
MARCH 1992 DX
4 Tr
0737 WKDD 96.5 OH Akron, $ 96, calls 258
5 TrS
0741 CBCE 97.5 ON Little Current, tm, CBC "Morning North Continues", weather 331
6 TrS
0800 WSRW 106.7 OH Hillsboro, k, Stereo Country 107, ad for Hillsboro KFC 520

8 TrS
0920 WHFS 99.1 MD Annapolis, pr, HFS "99.1 HFS the cutting edge of rock", Bryan Ferry mx 561
9 GW
0748 WCQA 96.5 NY Fredonia, k$, Country 96.5 "Country comes to the north country on Country 96.5 WCQA", new format and non-ID 115
10 Tr
0710 {WZKL} 92.5 OH Alliance, op$, Kool 92, "It's currently 52 degrees on your dial it's always Kool & 92" Classic oldies only on Cool 92 sung out, new calls, format, and non-ID, ex WDJQ 201
14 TrS
0855 WBYN 107.5 PA Boyertown, g, ex WYCL 492
15 TrS
0915 WMAX 106.7 NY Irondequoit, o, The Max "Rochester's new radio station: WMAX, the max rock without the hard edge." Scratch WOSB 195
17 Tr
1913 {CKWF} 101.5 ON Peterburough, ro, The Wolf "Bark at the Moon, Ozzy Ozbourne from Central Ontario's Home of Rock & Roll, the Wolf 101.5 FM" The cry of a lone wolf also in use. Benny Goodman to Ozzy, Seniors surprise! Ex: CFMP 202
0800 {WD7R} 102.7 MI Mt.Clemens, Z-rock in is 102.7 WD7R Mt.Clemens-Detroit!! We're always on! Turn it up! You got it on Z-rock! Deep Purple! I guee Wayne's World moved from Linesville to Mt. Clemens. 180° turn from Smooth Sounds of CD102.7 claims "nation's loudest station", ex:WKSG, WXCD

New mod with inline IC socket & 3 110's. Less splash from pesky locals. Less fidelity and possible sensitivity too but will keep arrangement for now for possible adjacent DX. Handy now to change filters. Thanks to the Jersey dude for advice. My MS loggings sounded like TrS. Have we got a new form of prop? (I have heard people talk about this too, and I recently had a similar experience. Any ideas out there?-gc). New GM from CJAY Calgary (gold/contemporary hits) at CFNY (alternative). Greg, not many new alternative records in his collection I bet. Let's hope for classic/alternative vs. classic rock. "Most powerful FM signal in Ontario" sounds like a new promo for FM/96 London, right? Wrong. CJXY 95.3 Hamilton claims this often. Well not as often since DXer got his new Atlas and tipped off Gary Dunford's "Radio Waves" column in the Toronto Sun. Seems FM96 didn't want to touch this controversy. Sure not like the states up here! 73 dB Bruce Hall

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two CM $tereo Probe 9 antennas and rotors at 38 and 36 feet above ground with phase box built by Andy Bolin - Charleston, IL
(*indicates logging was due to phase box only)

January 1992 (EST)

4 MS
0300 KWMG 93.5 NE Columbus 632
0306 WKRY 93.5 FL Key West 1100

4 tr
0815 KCFX 101.1 MO Harrisonville-Kansas City, op$ 490

7 tr
2215*WKED 103.7 KY Frankfort, o$ 135
(o/WFIU 103.7 IN Bloomington) 93

29 tr
2200*WCRT 88.5 IN Terre Haute, g$ 117
// WBGL 91.7 IL Champaign
(o/WMUB 88.5 OH Oxford) 57

February 1992

2 tr
0850*WQXE 98.5 KY Elizabethtown, o$ 190
ex-100.1 "Quixie-98.5"
(o/WRRM 98.5 OH Cincinnati) 87

4 tr
0110*WTKT 103.3 KY Georgetown-Lexington, o$ 150
ex-103.1
(o/WXFX 103.3 IN Indianapolis) 50

February 1992 (cont'd)

13 MS
0900 WMAW 88.1 MS Meridian 570

21 AU
0100 WWGL 94.1 NC Lexington-Winston-Salem-Greensboro-High Point 410

March 1992

2 tr
1923*WKLT 97.5 MI Kalkaska, wx 313
(o/WJIM 97.5 MI East Lansing) 182

3 tr
1900 WQFE 101.9 IN Brownsburg, mr$ 57

9 MS
2219 WJIS 88.1 FL Bradenton 892

22 MS
0258 KNEB 94.1 NE Scottsbluff, Previous Es 968

22 tr
0424 KRNA 94.1 IA Iowa City, wx 337
ex-93.9

April 1992

2 MS
0008 KMJIt 100.3 CO Denver 1040

Meteor Scatter Results:

1/ 4 KWMG "...with 100,000 watts of power, Nebraska just..."
WKRY "...weather forecast - the keys including Key West and Marathon. Overnight low near 60..."

2/13 WMAW "...WMAW..."
3/ 9 WJIS "...JIS 88.1..."
3/22 KNEB "...KNEB...Broadcasting Incorporated..."
4/ 2 KMJIt "...Magic-100..."

Further comments regarding Andy Bolin's phase box: Building your own phase box may be inexpensive, but the results will be inferior as compared to the one Andy Bolin is selling. In the article written by Bill Nienajadly (p. 38 March 1992 VUD), he fails to mention some very important factors. A mere capacitor in a box will not give one a 360 degree phase shift. It would take six different jumper lengths to experiment with before you found the desired one creating a null. With Andy's phase box, one needn't worry about this. Other factors: Antennas do not have to be identical. Phasing can well be accomplished with one FM antenna and one TV antenna. Antenna heights also need not be similar. For instance, one antenna could be at 60 feet, while the other may be at 20 feet. After using a Bolin phase box for one year, I would not want to be without it. The box is very simple to use. In conclusion, a capacitor in a box is not going to enhance your DXing compared to the Bolin phaser. I have to make one final statement: "In my opinion, either do it right or not at all!"

FM DX has been quite poor this winter. A few new stations have come on the air recently, while others have changed frequencies. I am told that 107.9 WZNX Arcola-Charleston-Mattoon, IL signed on the air April 5, and is simulcasting with 95.3 WZNF Rantoul-Champaign-Urbana, IL. Yes, WZNX is in $tereo. Bob Zent of Huntington, IN informed me that 90.5 WPFF Sturgeon Bay, WI is on the air. I have heard this station with g$, but no ID as yet. I'll keep trying for it. 73, R Ralph

WXUT Toledo's Only Alternative
The University of Toledo • Toledo, OH 43606-3390
WUSF FM 89.7
WSFP FM 90.1
CONCERT 90

EASTERN TV·DX

Bill Nienajadly
PO Box 2999
Clifton NJ 07015-2999
201-478-3044 no collect

MAY 1992 Log Cutoff 3 Months Deadline June 5 1992

Mike Hollis and John Combs, both of Florida, report Trans Gulf tropo out to 600 miles plus. Ed Phelps of KY reports E-skip on April 9th and Great tropo on Jan 6th to FL.

John F Combs N4SFS POB 7581 Tallahassee FL 32314

JANUARY 1992 -ES & Trops

1 ES 1852 XHRIO 2 TA 863
KIII 3 TX 825
UNID 3 (SS)
4 ES 1418 KQTV 2 MO 868

4 ES 1428 KSNC 2 KS 991
1428 KSNW 3 KS 909
7 Tr 0600 Miami West PB
Atlanta U's

7 Tr 0600 Birming
-ham U's all gd
1933 W34AW FL 240
Sarasota VJN

7 Tr 2100 Biloxi---Gulfport U's
8 Tr 0600 Same areas as Jan. 7th
0641 W67BY FL 295
Ft Myers TBN

FEBRUARY 1992 -ALL Tropo

15 0452 W27AE FL 267
Sebring WTOG-44
0518 W27-- FL ---
Orlando Tourist-ch
0520 Atlanta U's

15 0541 WSPA 7 SC 346
0544 WHNS 21 NC 340
0547 WGGS 16 SC 329
0630 WUNF 33 NC 355
16 2112 South MS U's

21 0610 WBCC 68 FL 229
Cocoa ex ch 18
28 0715 Savannah U's-exc
0830 WJWJ 16 SC 262
29 0732 KEDT 16 TX 823

29 0734 New Orleans U's
0754 KLTJ 22 TX 645
0847 KORO 28 TX tentative

MARCH 1992-ALL Tropo

1 0407 Miami/WPB/Ft Myers
0407 W14AC FL
Loveland -CHA
0434 W16AR FL 330
Stuart -CHA
0434 W19AQ FL 360
Palm Beach-Ind
1925 W24AT FL 238
Sarasota-TBN/IND
1925 Tampa LPTVs-exc
1925 W34AW FL 240
1936 W67BY FL 295
2 0247 UNID 29 (TBN)
0301 WGBC 30 MS 292
0302 W19AW LA 420
Monitor CH-Baton R.

2 0303 WGNO 26 LA 340
0304 W39AY AL 180
Montgomery VJN
0305 W46AV MS 254
Pascagoula-TBN
0307 KHSH 67 TX 673
0311 WLOV 27 MS 365
0317 KHTV 39 TX 673
0319 WVLA 33 LA 417
0335 UNID 27 3/4 cb
0336 WNDL 38 LA 340
0337 UNID 54 w/OC-(?-BN)
0401 KETH 14 TX 673
0402 K46CR LA 420
Baton Rouge VJN
0413 KTXH 20 TX 673

2 0431 WVUE 8 LA 340
0435-0835 I'm away
0841 W--- 64 GA
Macon
2055 New Orleans 26,38
3 0518 Atlanta U's
0845 WLTX 19 SC
0845 WJWJ 16 SC
0851 WACH 57 SC
0857 WNGM 34 GA
8 2015 WPB U's
2031 Sarasota U's
9 0515 WPBF 25 FL
2200+Miami, WPB &
Ft Myers U's
18 0545+Columbia-19,25,35,57,

18 0608 WNEH 38 SC
0619 WFCT 62 NC
0620 WJPM 33 SC
0620 WPDE 15 SC
0639 WCCB 18 NC
0639 WJZY 46 NC-?-tent
0645 WNSC 30 SC
1846 W34AW FL 240
18 0405 Atlanta U's solid
0417 WTAT 24 SC
0417 Columbia U's
0418 W29AO AL
Anniston WBRC-6
0421 WBMG 42 AL
0421 WCFT 33 AL
0504 WPDE 15 SC
19 2012 Miami,WPB U's

There has been some decent tropo recently. No "massive" openings, but good ones.
Only Gulf opening was 2/24-3/2 period. Apparently missed a good opening on 1-6 as Ed Phelps (KY) informed me he was watching my local WTXL-27 at 0430 CST! As I write this, Carlon Howington just called from St Pete to tell me that South TX/Northern Mexico is in at his QTH. Alas not here...but I'll keep an eye on it!!

The UNID-29 TBN is probably in the Biloxi-Gulfport area judging from antenna headings from Ron LeBlanc, Jeff Kruzka, Carlon, and myself.

My next Tallahasee report will be my last. I'm resigning my current job and moving to Orlando, where I began TV Dxing in earnest two decades ago. My living situation there will allow for outdoor antennas, but not at a great height-(perhaps 15-20 AG'). I should, however, have more DX timefree as I will be working 15-25 hours a week, instead of the 60-80+ I work now! 73 John

Michael P. Hollis 40 Lakewood St. Mary Esther FL 32569 Samsung 19" Color TV, Finco P-7, Winegard 3617 ant @ 35 ft.

February 29 1992 ALL Tropo

0530 KHTV 39 TX 530--0557 KXTX 20 TX 530--0600 KXLN 45 TX 570--0619 KITU 34 TX 470---0649 KEDT 16 TX 700

March 1992 All Tropo Loggings

1 0451 WLTV 23 FL 520
0453 WFSP 30 FL 390
0454 WDZL 39 FL 520
0456 WAYK 56 FL 370
0457 ???? 57 FL 300
SPANISH prg Tampa
0458 WBSV 62 FL 400

1 0503 WKID 51 FL 520
0505 WPBF 25 FL 460
2 0450 WTOG 29 FL
0451 WAWS 30 FL 300
0452 WNFT 47 FL 300
0453 WJCB 59 FL 300
0511 KRIV 26 TX 530

2 0512 KHTV 39 TX 530
0536 KETH 14 TX 530
7 0626 KPLC 7 LA 390
2120 KHTV 39 TX 530
2121 KEDT 16 TX 700
2122 KXLN 45 TX 570
0510 KHTV 39 TX 530

8 0511 KXLN 45 TX 570
0513 KBMT 12 TX 470
0514 KTRK 13 TX 530
0515 KRIV 26 TX 530
0522 KHSH 67 TX 520
0553 KLTL 18 LA 390
0558 KHOU 11 TX 530

Ed Phelps Rt.2 Box 266 Benton KY 42025 502-527-2289 (Phoned in to ETVDX QTH-BN)

January 6 1992 (Ed said he mailed out a report to ETVDX, but it never arrived here. So he phoned to tell me this & transcribed his recent DX over the phone-BN)

ALL TROPO

WTLH 49 GA WMPV 21 AL WFXL 31 GA WSFT 55 GA WGXA 24 GA WJHG 7 FL WGBC 30 MS WFFG 56 FL W23AK-TBN Jasper AL
WHLT 22 MS WMCF 45 AL WDHN 18 AL WTXL 27 FL WDCO 29 GA WKPT 19 TN WFRE 23 FL WFSU 11 FL W46AS Cookville TN
and a couple of days later KDUB 40 IA-

APRIL 9 1992 E-Skip around noon KWGN 2 CO 1700 approx XEFE 2 NL

****

GET READY FOR E-SKIP LATER THIS MONTH!!! MEMORIAL DAY IS SOMETIMES A BIGGIE!! CHECK EVERYDAY AFTER THE 2ND WEEK

WESTERN TV-DX

May 1992

Fred McCormack
Box 17860
St. Paul MN 55117-7860

Deadline: 06-11-92
Cut-off: 03-01-92

New____ New Mode_ _ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MTS Stereo - $

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350) CST

Equipment:
7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis @ 100' with RG/11 cable. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

March 1992
15 tr 0718 WLKY 32(IN) 437
WDRB 41(IN) 437
24 tr 1823 WTVQ 36 KY 473
WDRB 41(IN) 437
WKLEt 46 KY
WTLJ 54 MI 130
(TBN - No HSC)
2142 W29BE 29 MI 110
(Muskegon TBN)
W40AK 40 MI 110
(Muskegon CHA)
WOSU 34 OH 395

28 tr 0634 Iron Mtn xltrs
Crystal Falls xl
W54AR 54 WI 100
(Fence WPNE-38)
W57AR 57 WI 145
(Sayner WSAW- 7)
W40AN 40 MI 95
(Escanaba WLUK-11)
W54BK 54 IN 205
(Chesterton LPTV)
30 tr 1800 *W54BKt 54 IN*
WDRB 41(IN) 437
1903 WSEE 35 PA 405

30 tr 2251 W59CA 59 MI 200
(Jackson WAQP-49)
W61BX 61 MI 130
(Grand Rapids TAB)
W29BE 29 MI 110
W15AM 15 MI 130
(Grand Rapids WHME-46)
W69BJ 69 MI 195
(Lansing WAQP-49)
W66BD 66 IN 260
(Fort Wayne WINM-63)
W69BT 69 IN 200
(South Bend WCIU-26)

W54BK, Chesterton, Indiana - Dunes Television Network - running ID slides and NOAA weather. ID slide - W18AT Gary, W54BK Chesterton, W24AW Valparaiso, W13BQ Portage.

I've been going in circles with the local cable company to clean up their radiation problem which started around March 8th. I had the guy here three times and even told him in what direction the problem was coming from. He found the leakage problem which was a loose junction box about a half block north of me. He tightened it up a couple of times and the problem was solved for a few days when it started up again. When the problem is real bad, I watch ESPN on channel 4 snow free and the other channels are equally degraded. The problem resurfaced again yesterday so it looks like I'll have to get him back over here.

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201) PST

Equipment: See March 1992 Western TV-DX

February 1992
1 au 1700+ CCI - no IDs
19 F2 1730 49.7648 video
1743 49.740 video
(Beam - 320°)
20 au 1930+ CCI - no IDs
22 F2 1420 TVNZ 45.260 vid
1435 $TVNZ 50.760 aud

24 AE 2000 KXLF 4 MT 553
2027 KIDK 3 ID 637

March 1992
20 tr 0543 KLEW 3(WA) 341
0600 KREM 2 WA 299
27 tr 0600 KOAB 3 OR 347
28 F2 0749 49.7400 video

28 F2 0812 49.757 video
(Beam - 135°)
31 tr 0532 KREM 2 WA 299
0545 KLEW 3(WA) 341

April 1992
1 tr 0559 KXLY 4 WA 299
0640 KATU 2 OR 234

I enjoyed Joop J. Prosée's article on E-backscatter which I agree is far more prevalent than we may realize. E-backscatter often occurs either just before or just after the MUF is present at the desired frequency.

The solar cycle is definitely on the decline. F2 openings at VHF frequencies is noticeably down. February and March were disappointing for activity. February 19th F2 video was from a heading to China which uses channel R1.

Unusual summer like weather produced hot sunny days here with temperatures into the 70s by day and 40s by night producing excellent tropo conditions here. LUFs reached down to lo-band television and 6 meters numerous days.

March 28th F2 had very, very weak carriers - nothing that could be demodulated into usable video. This was with the 6 meter beam pointed over the south pole and is

Mike Cherry (continued) known as long-path propagation. These carriers are assumed to be from the Soviet Commonwealth based on beam headings and other reports. Long-path F-layer video from this region was received in Texas, New Mexico and also the Midwest during the last half of March.

Finally, to correct a mistake - typo on my part - boom length of 50 MHz beam should read 1.5 wl, not 2.5 wl.

Mike, VE7SKA

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123 (504) 733-8539 CST

Equipment:
Sylvania 12" black and white, quad loops cut for channels 2 and 5, Radio Shack U-75 corner yagi. Mitsubishi HS-U31 VCR.

February 1992
18 tr 1022 WEAR 3 FL 160
(No KATC)
1030 WHBR 33 FL 159
(Over WVLA)

March 1992
1 tr 0051 XHAB 7 TA 526
2200 WFSU 11 FL 334
2237 *WTWCt 40 FL*
2309 *WBSFt 43 FL*
WDAUt 34 AL
2314 WHOA 32 AL 286
2 tr 0000 =WTMV 32 FL 517
0559 WAWS 30 FL 514
WTWC 40 FL 357
0605 WDHN 18 AL 303
0609 WJKS 17 FL 514
0614 *WNFTt 47 FL*
0656 WBHS 50 FL 499
0659 WTLH 49 GA 354
7 tr 1042 KARD 14 LA 189
1100 KXAN 36 TX 454
1105 KHOU 11 TX 319
KTRK 13 TX 318
7 tr 1124 KXLN 45 TX 319
1130 KTFH 49 TX 316
KTMD 48 TX 303
1135 *KVDAt 60 TX*
(Spanish)
2015 WABW 14 GA 370
2059 WFSG 56 FL 256
2250 unid 52 religion
2321 WNFT 47 FL 514
2331 WAWS 30 FL 514
8 tr 0000 =WTWC 40 FL 357
0504 KBMT 12 TX 221
KETH 14 TX 319
0530 KHSH 67 TX 318
0600 WBSF 43 FL 569
0604 @KFXK 51 TX 323
0629 WBHS 50 FL 499
0649 WTMV 32 FL 517
0650 @WDAU 34 AL 300
0700 KTRE 9 TX 292
(Over WAFB)
0705 KLTJ 22 TX 303
0727 WTLH 49 GA 354
0801 WFTS 28 FL 499
15 tr 0836 Houston UHFs
15 tr 0836 Beaumont UHFs
KXAN 36 TX 454
0901 KBVO 42 TX 454
0918 KRRT 35 TX 521
0930 *KLRUt 18 TX*
2130 KLRN 9 TX 491
2230 WTOG 44 FL 499
2241 KTFH 49 TX 316
(See Note # 1)
19 tr 0636 Houston 11,13
unid 7 Spanish
26 tr 2132 Houston UHFs
2134 unid ch 21 VJN
27 tr 0538 KVDA 60 TX 490
0544 KXAN 36 TX 454
0600 KENS 5 TX 486
2026 KPRC 2 TX 318
(Over WBRZ)
2058 WUSF 16 FL 499
2300 *KFDWt 6 TX*
(See Note # 2)
31 gw 1700 K14IE 14 LA
(New Orleans HSS)

Note #1 - ID slide said KTFH "Galavision" (Spanish) and IDs with channel 33 (translator?). (K33DB Houston. fm)
Note #2 - Local WDSU nulled out completely! CBS with NCAA basketball.

Definitely my best tropo month ever. March always seems to be a pretty good month for gulf tropo. 73's.

Dave Pomeroy, 2321 SE Libra Court, Topeka KS 66606-1827 (913-266-5477) CST

Equipment:
VHF: Radio Shack VHF/UHF (model unknown). Channel Master 6' UHF parabolic with Radio Shack preamplifier.

February 1992
5 tr 0545 WMBD 31 IL 345
WICS 20 IL 335
WYZZ 43 IL 360
WFHL 23 IL 370
WJYS 62 IN 450
(Over KSMO)
WSBT 22 IN 530
WWTO 35 IL 385
5 tr 0545 K44AB 44 IA 245
(Keokuk KIIN-12)
WSEC 14 IL 295
WAND 17 IL 370
(Over K17CK)
0630 WRSP 55 IL 335
WICS 20 IL 335
0700 KMEG 14 IA 240
WLAX 25(MN) 395
5 tr 0700 WHLA 31(MN) 395
KTIN 21 IA 270
(Over K21AP)
WLEF 36 WI 550

March 1992
15 tr 0035 K29CF 29 MO 65
(Kansas City VVN)

Not a whole lot to report this time, but I have seen two new ones. K29CF is in at all times -- usually quite faint, but occasionally fairly strong. I am not sure where their transmitter is, but it must be further east as it is not as strong as K26CR in the Kansas suburbs of Kansas City - usually not as strong here either. (I show K29CF at 2800 Wallace Ave in Liberty - 13.89 kW - 1020' agl - very high for an LPTV! fm)

ELIMINATING THE WEAK LINK IN THE UHF CHAIN

by Mark McCarthy

The lastest vogue among some of the more dedicated TV DX enthusiasts seems to be elimination of the need for the balun transformer at the U.H.F. terminals by replacing the 300-ohm feed section of their dishes with 75-ohm LPDA antennas designed for broadband (ch 14 - 69) use in MATV work. The theory behind this relates to the relatively poor UHF specifications (such as high loss and high VSWR) offered by 300/75 ohm baluns. Our best mast mounted UHF preamps are 75 ohms in/out, and most of us use either aluminum CATV-type 75 -ohm hardline, or hopefully at least nothing worse than RG-11 coaxial cable. The basic idea is to convert the dish feed itself to 75 ohms, thus saving the 1-2 dB or so loss that occurs just ahead of the pre-amp.

There are problems with this approach that need to be addressed. The LPDA antenna that seems to be favored to replace the 300-ohm feed section UHF dishes is a rather costly Blonder-Tongue design. Much of this cost is justified, due the imposing demands of a good broadband LPDA design for the ch 14 - 69 range, a substantial piece of spectrum for any single antenna to cover well. Those enthusiasts who are willing to go to the trouble of acquiring a $150 broadband LPDA and cut the 300-ohm feed sections off their dishes should be aware that unless it is done properly, no benefit will be derived--and gain could even be reduced. You may well end up with a flatter gain response across the UHF band, but less gain overall. It is best to first evaluate the characteristic drawbacks of the feed section you are replacing. If you use a 7' Channel Master Dish, as I have, you may note that removing the 300-ohm double-bay feed section and replacing it with a 75-ohm LPDA slightly reduces gain at the low end of UHF, while noticeably improving results on the higher channels, such as ch 50 and above. While I have not exprimented with the Antennacraft design, I believe that just the opposite effect would be achieved by replacing it's 300 ohm folded dipole feed with a 75-ohm LPDA--better results on the lower channels, but a reduction of gain in the high end of the UHF range.

Some years back our firm was doing work on a commercial STL tower at a TV/FM site, and I had a chance to experiment with the General Instrument 75-ohm "diamond feed" section on a dish they were using to pick up area UHF TV stations. Although much more narrowband than a 75-ohm LPDA, I believe this feed section merits further investigation. It is a true 75-ohm feed, and it exhibited very low loss, with plenty of weak signals viewable through a 100' run of .750 hardline, even without the benefit of a mast-mounted preamp! Any antenna design that allows you to eliminate the balun, espcially at UHF, is worth looking at. I have never encountered a balun that ages well on the tower; the effects of the sun and weather will almost always cause them to go out-of-spec within months of installation. I encountered a WTFDA member at an NAB conference who replaces his UHF baluns every year! Indeed, the balun transformer seems to be the weakest link in our UHF chain!

PHASING UPDATE

by Bill Mienajadly

It seems that several members have been for some time making their versions of the phase-box and some seem pretty complicated. The phasing article I did in the VUD was said to cause problems for Andy Bolin. He said some in the WTFDA are questioning his honesty, and my comments have caused problems for him... He is upset that I didn't mention that my phase box has to be used with various 'coax jumpers' to achieve a null. Well for my version of the phase box, no jumpers were needed at all. I said that everything including the same length coax and and the same antennas had to be used for it to work. True that is what I observed here, though after I brought it over to the DXers house who bought it from me, not only no jumpers were needed there either, but the home brew unit worked far better there than it did here in Clifton. That is why I kept Bolin's box and sold my home brew phase box. I'll put it in a nutshell. THERE IS NO WAY THAT A SIMPLE CAPACITOR IN SERIES IN A BOX IS GOING TO WORK AS WELL AS BOLIN'S PHASE BOX. But...I must add here, it seems that some members who ARE using a simple series cap set up ARE getting results! Common sense prevails here...if you were using just rabbit ears and an outdoor antenna for phasing, then you add a capacitor, you will naturally get better results than just a simple set with rabbit ears and an outdoor TV antenna and no phase box Que Pasa? Reference----page 33 in the March 1992 VUD.

This may come as a surprise to some of you, but recently a NRC/WTFDA member bought a device called the "FM Tunnel." This was sold by a National Radio Club member in the late 1980's for around $60.00 or so. This device is a long copper tube about 2 1/2feet or so with closed ends. On one side of the tube it has 2 inputs for I presume two antennas and on the other side of the tube there is a continuous air variable capacitor and a single output for connection to your tuner/receiver. Hmmm...sounds like a phase box to me, and this was the 1980's when this was sold. No, I do not know the NRC member who originally sold it, but if YOU know who it is pass it along to one of us.

After looking through some QST magazines, something caught my eye. On page 178 in the MAY 1991 ad section, I saw a phase box for sale, around $160.00. It is made by R & D Electronics, 10511 Phelps Street, New Orleans LA 70123, phone # 504-738-9190. This is for ham radio use, as it can transmit in phase as well as receive in phase. It has three knobs and you could a variety of different antenna designs like loops, Vees, dipoles-etc.

IT'S TIME FOR Es

By Gary Walczak

Okay fellow DX enthusiasts! It's time to celebrate!!! THE season for long distance FM/TV reception is now upon us. Most all of us have been busy for the past winter chasing DX reception on the various longwave, shortwave, mediumwave, and ham bands. But by now, things are getting pretty slow on those frequency ranges as warm weather and longer days take over. Fortunately, there is the Spring/Summer alternative to dead DX conditions on lower bands--E-skip!!!

For those of you who are new to DXing skip signals above 30 MHZ, and for those who haven't really tried for this really neat type of DX (and for those of you who forgot), this type of long-distance signal pursuit can be very exciting--it has been known to race the pulse of even the most seasoned DXer of the lower bands. For one thing you'll find your chances for this DX to be more limited as to the number of minutes the band will be "open" to DX areas than with lower bands and longer wavelengths--but it has been said that "when it rains it pours" with regard to E-skip DX sessions on FM broadcast and LOW TV (channel 2 to 6) channels.

E-skip often begins early, in the second part of April for southern DX hounds, due of course to their geographic position. The south shall rise again--and it shall also get more E-skip opportunities. Sorry, all you fine Yankee folks! For most of our continent, the short skip season gets going strong by late May. If most WTFDAers aren't getting E-skip lapping at the 30-to-50 MHZ channels on their scanners by the second part of May (with some of it spilling into TV channels 2 & 3) on a near-daily basis then I daresay we'll be having a slow E-skip year.
That's something that can make Es DXing a very interesting game, no two years being the same in intensity and number of openings. Some oldtimers are calling for 1986 to be a very good E-skip year (knock on wood!) because we are now at, or real near, the bottom of the Sunspot Cycle, and certain theories of sporadic E skip (or Es, as WTFDA DXers like to write it) hold that low sunspot years, while being lousy for shortwave, can be super for VHF Es. This is still locked in controversy, I'm sure, as there still are several conflicting schools of thought about what actually triggers E-skip openings.

You never really know when E-skip is going to hit, or how intense the opening will get--you find all that out when it happens. Most schemes to "predict" E-skip are pretty much unreliable. Why do you think they call it "sporadic?"
But this we know for sure--May, June and July are the months we should be looking for it, and a good year could see some kind of E-skip activity reach TV channel 2 or higher almost every day!

You can first notice it on the upper shortwave bands, with the CB band (27 MHZ) sometimes giving you a clue as to which areas you can expect to start hearing if and when it goes above 30 MHZ. If it gets intense enough, you can start to hear distant signals on the 30-to-50 MHZ band, and that's where the fun begins. There are still enough Public Service operators using the band to hear some interesting accents coming from 500 to 1200 miles away during an opening. Getting a good ID from these stations can be trickey, but is done by avid VHFers.

If the opening is a "winner" it will soon hit TV channel 2, which I hope is clear in your city. The signal strength is often AMAZING when it hits TV, with channel 2 through 6 stations from 1200 miles away often showing up stronger than your basic 40 to 50 mile locals! A few such openings will even go higher, into the 88 to 108 MHZ FM broadcast range. No way for me to describe how fantastic a full-quieted FM station from 1000 miles away can sound (in stereo, too!), you've got to hear it for yourself!

If you haven't caught an E-skip DX opening on TV or FM, your chances are improving every day now. Hope to see your results reported to VUD DX columns. HAPPY E-SKIP SEASON!!!

WORLDWIDE TV-FM DX ASSOCIATION

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